

FIG. 1

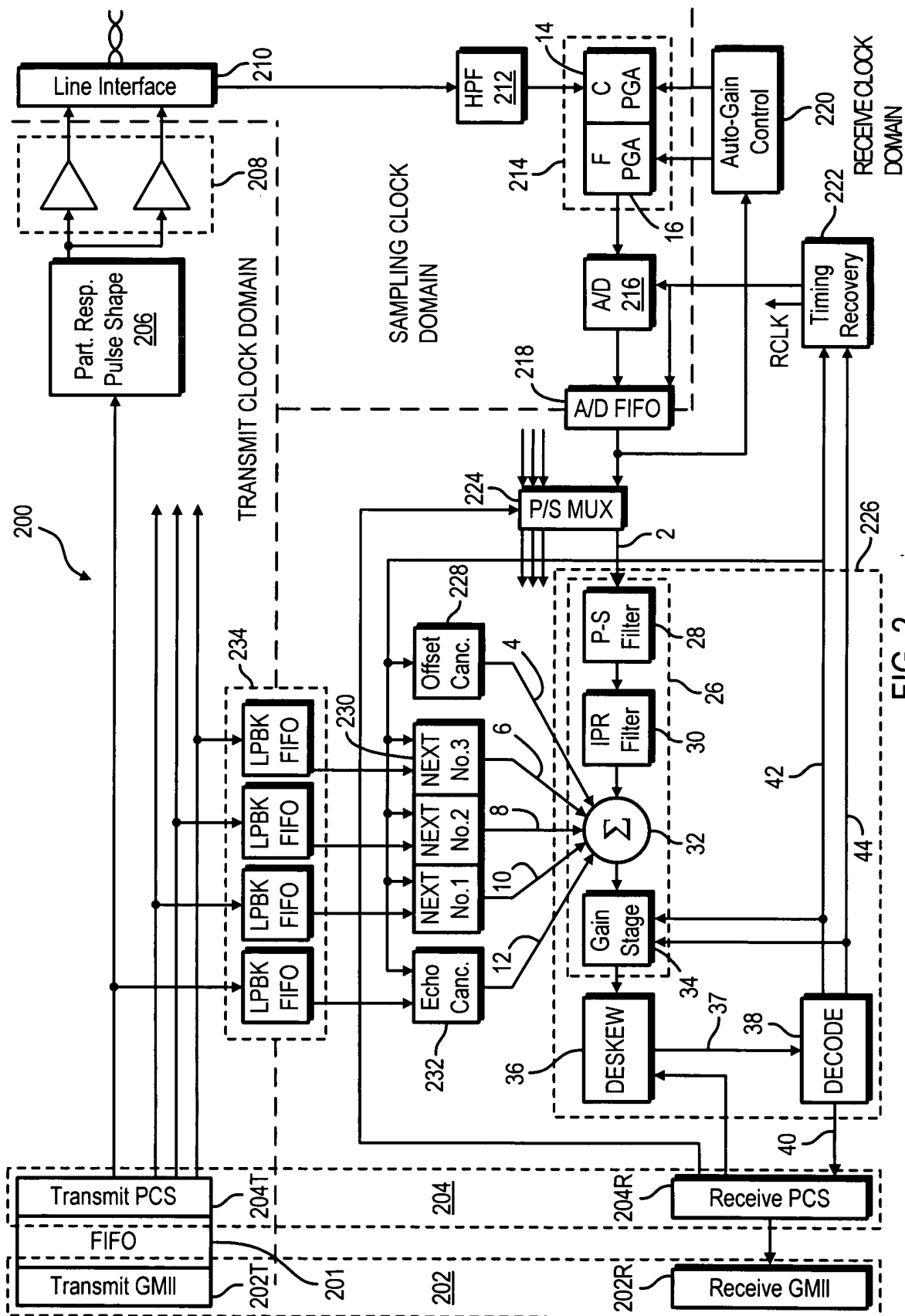


FIG. 2

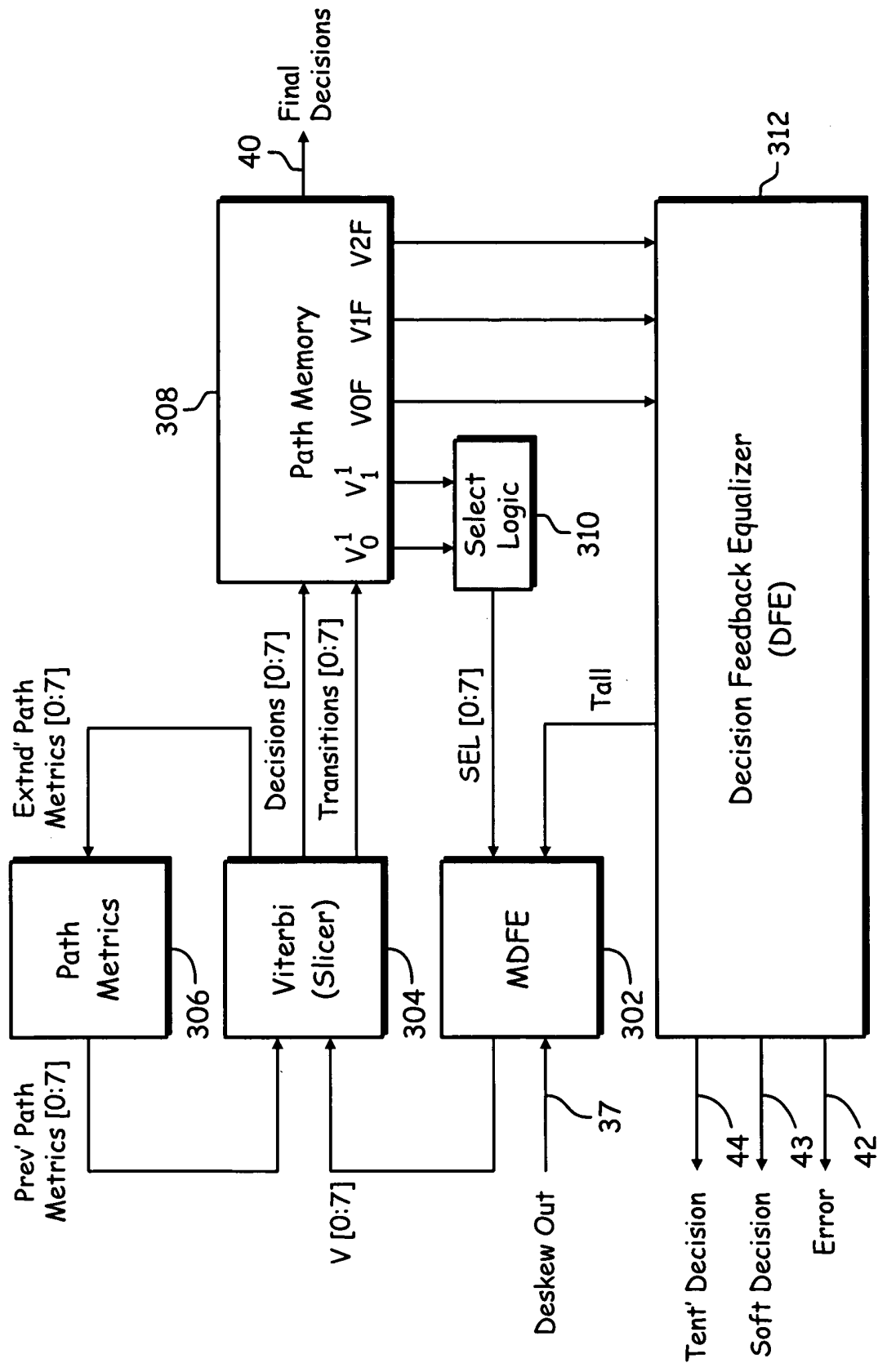


FIG. 3

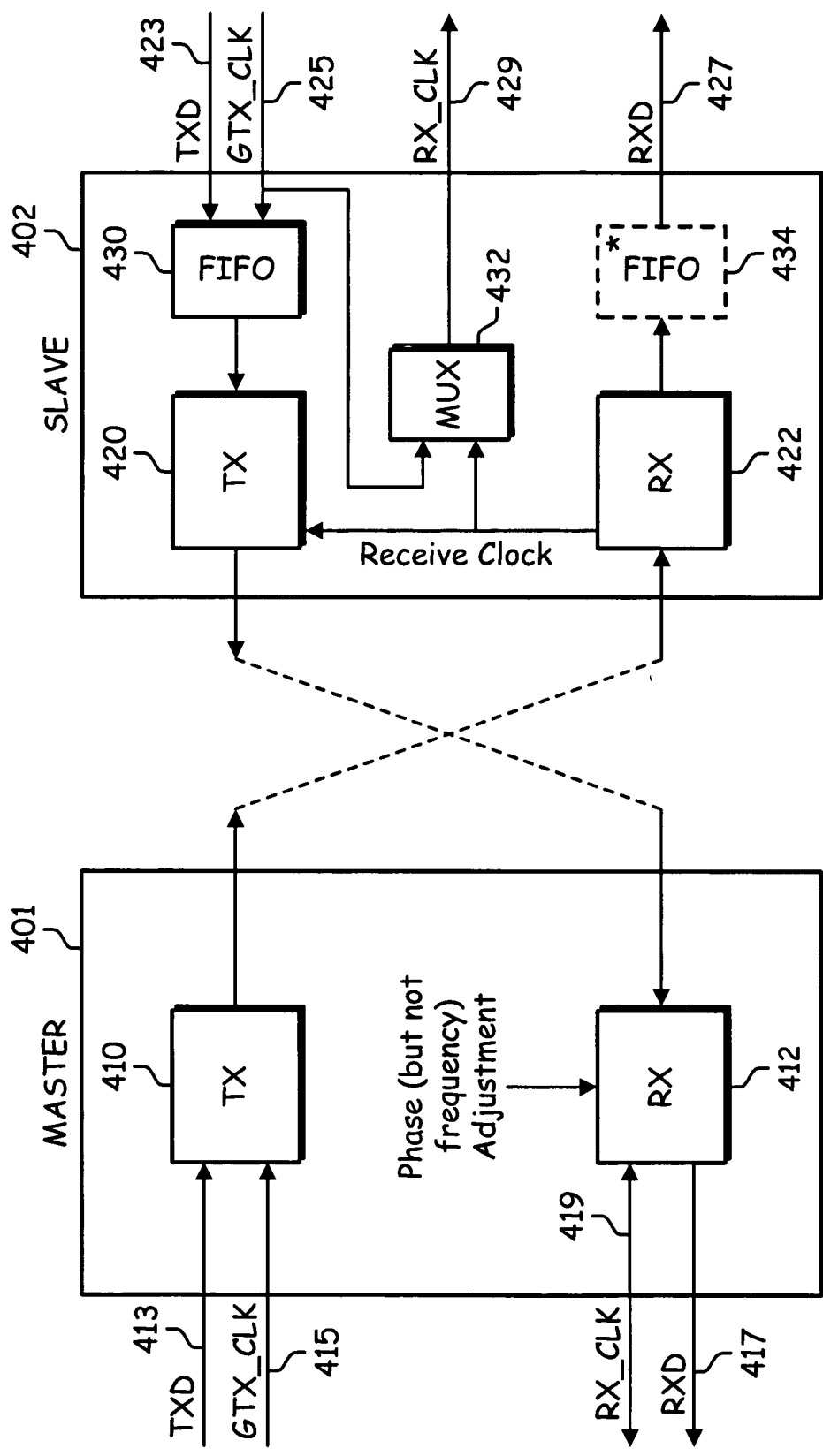


FIG. 4

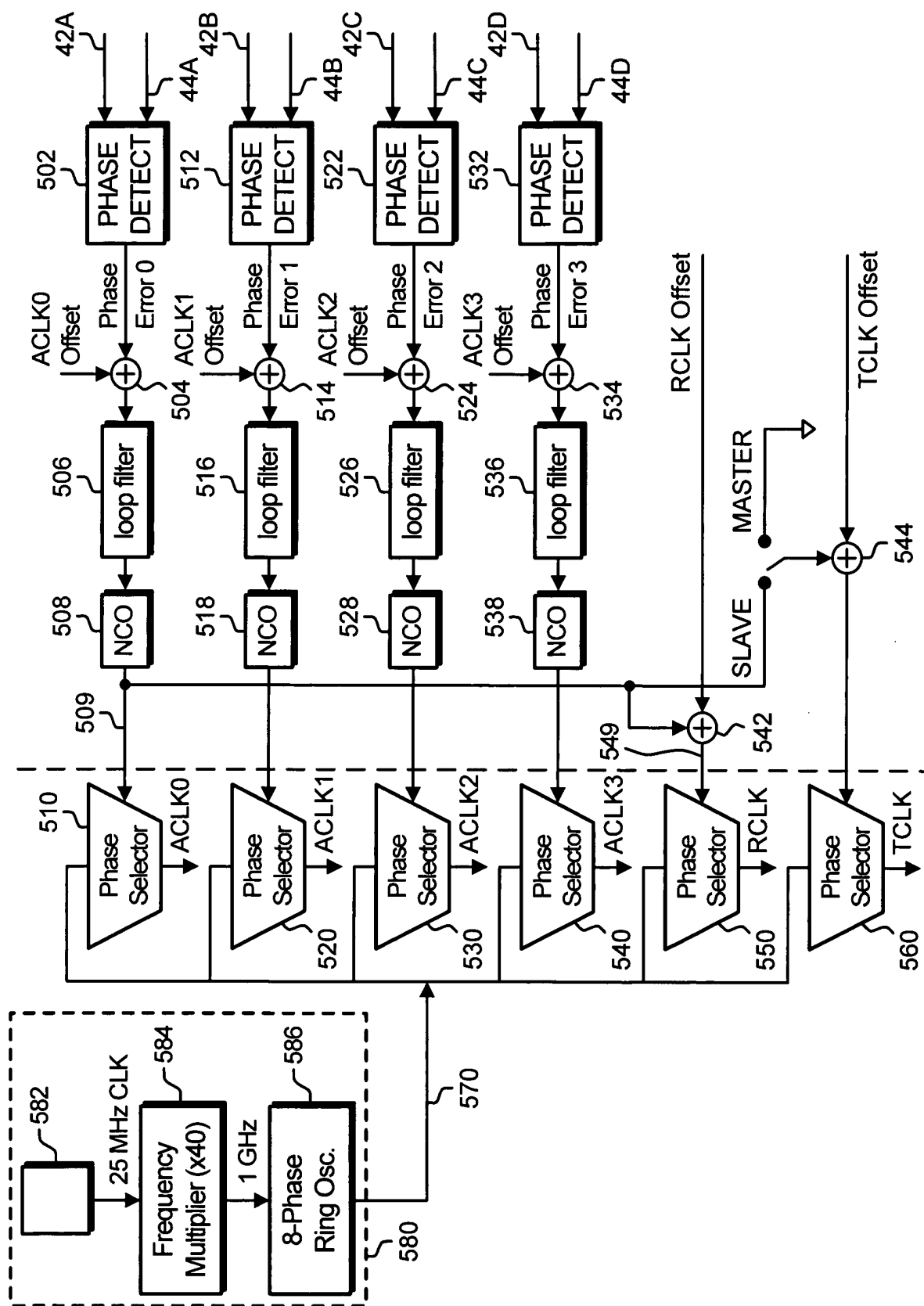


FIG. 5

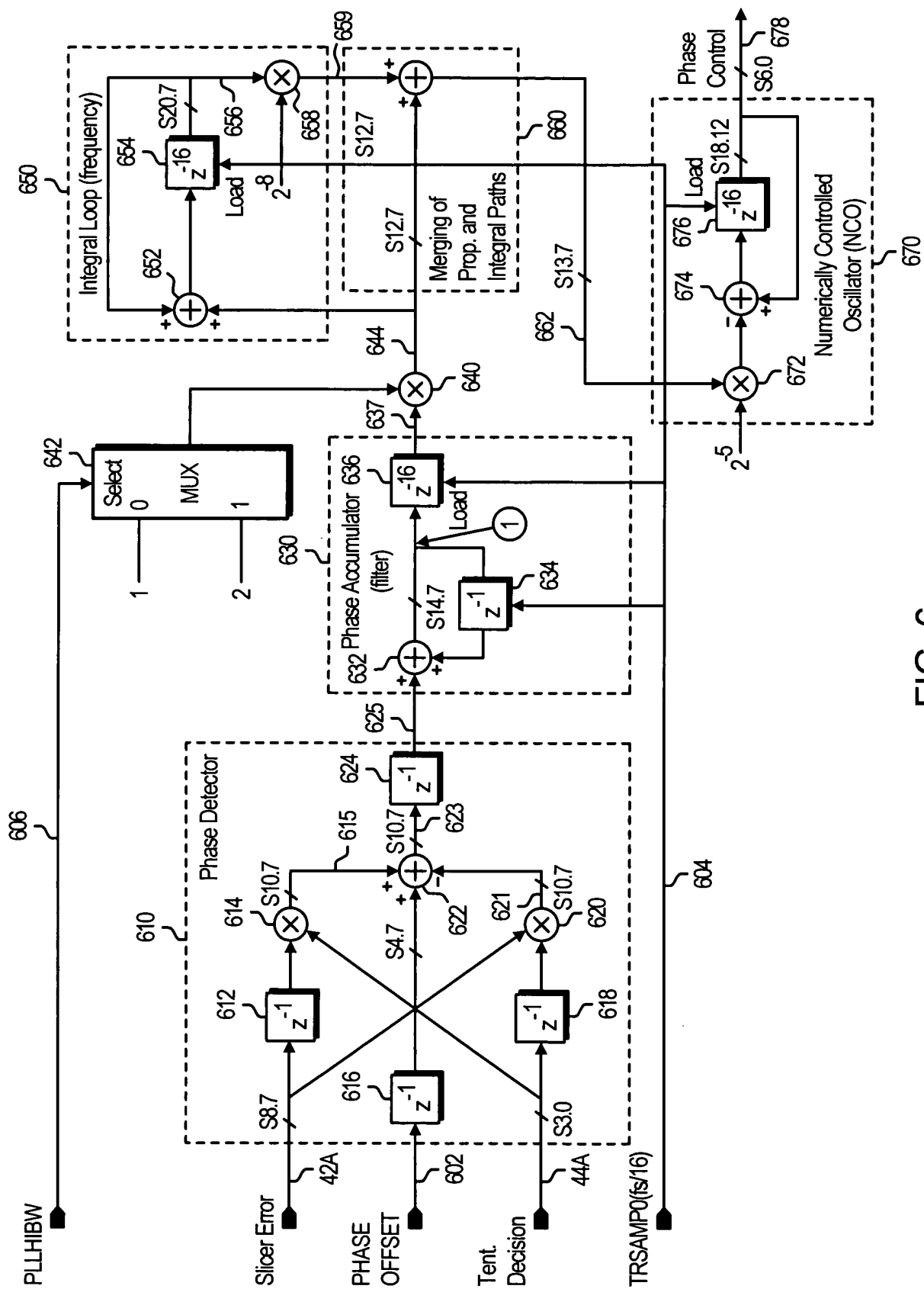


FIG. 6

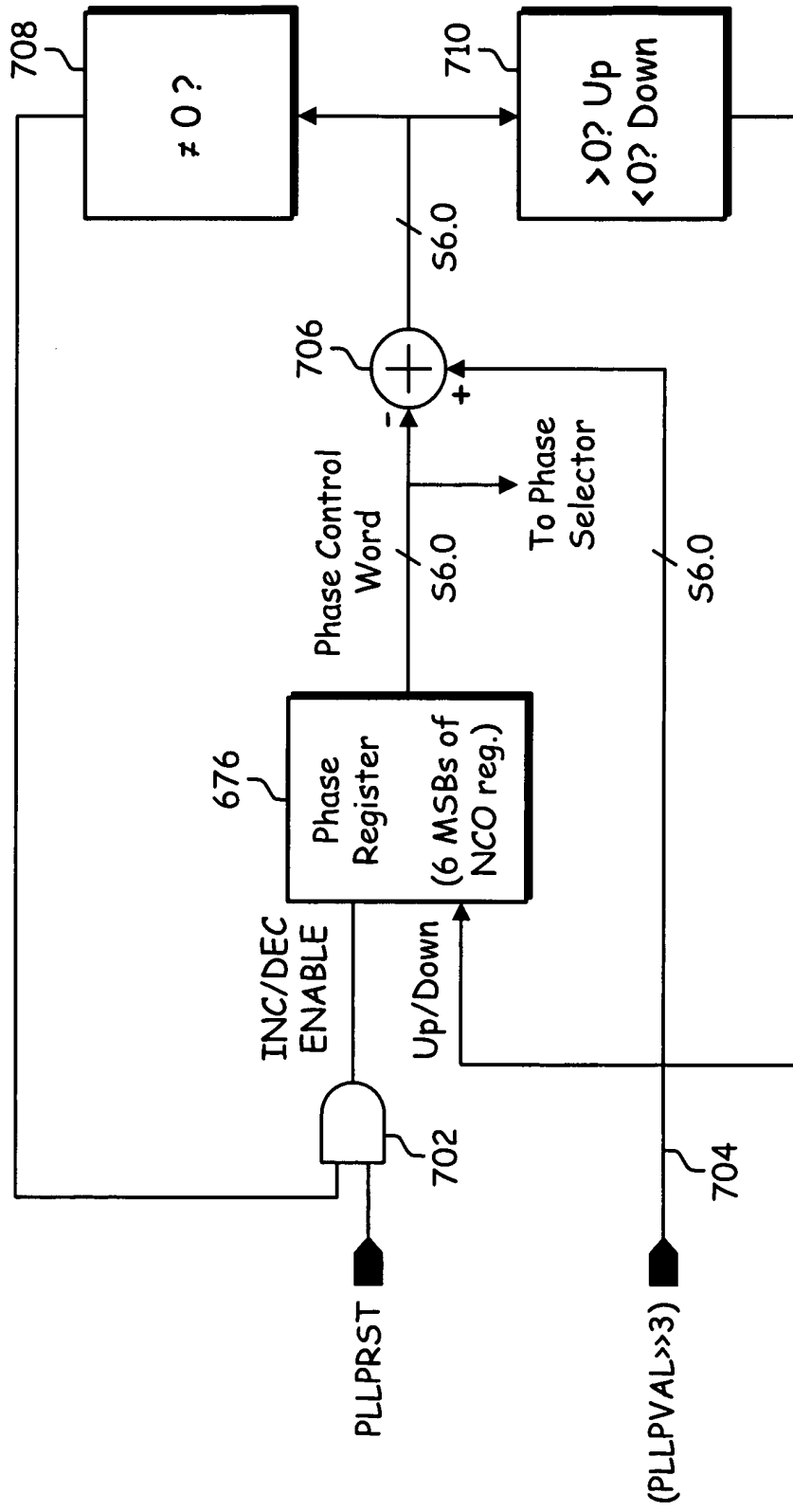


FIG. 7

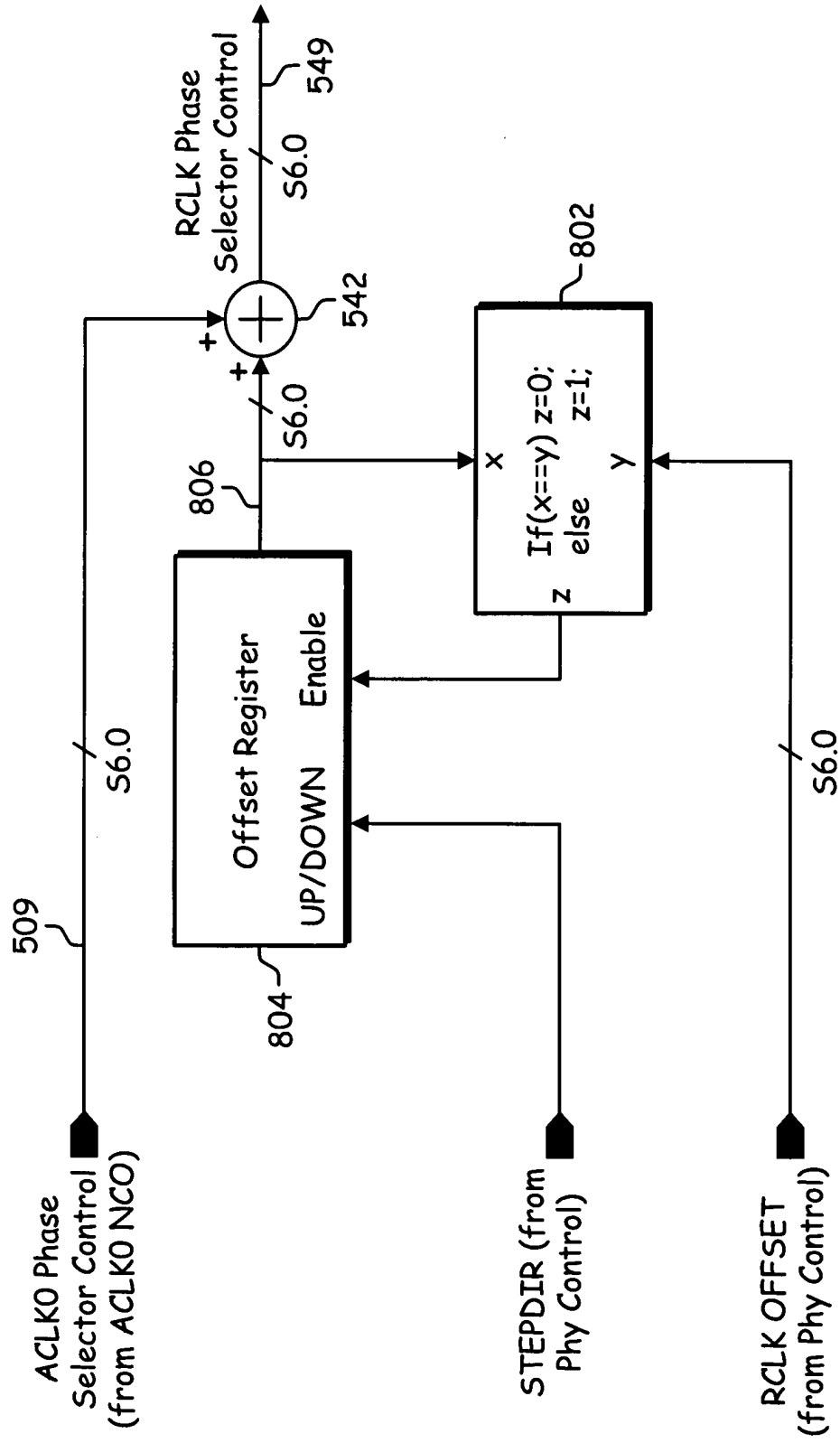


FIG. 8

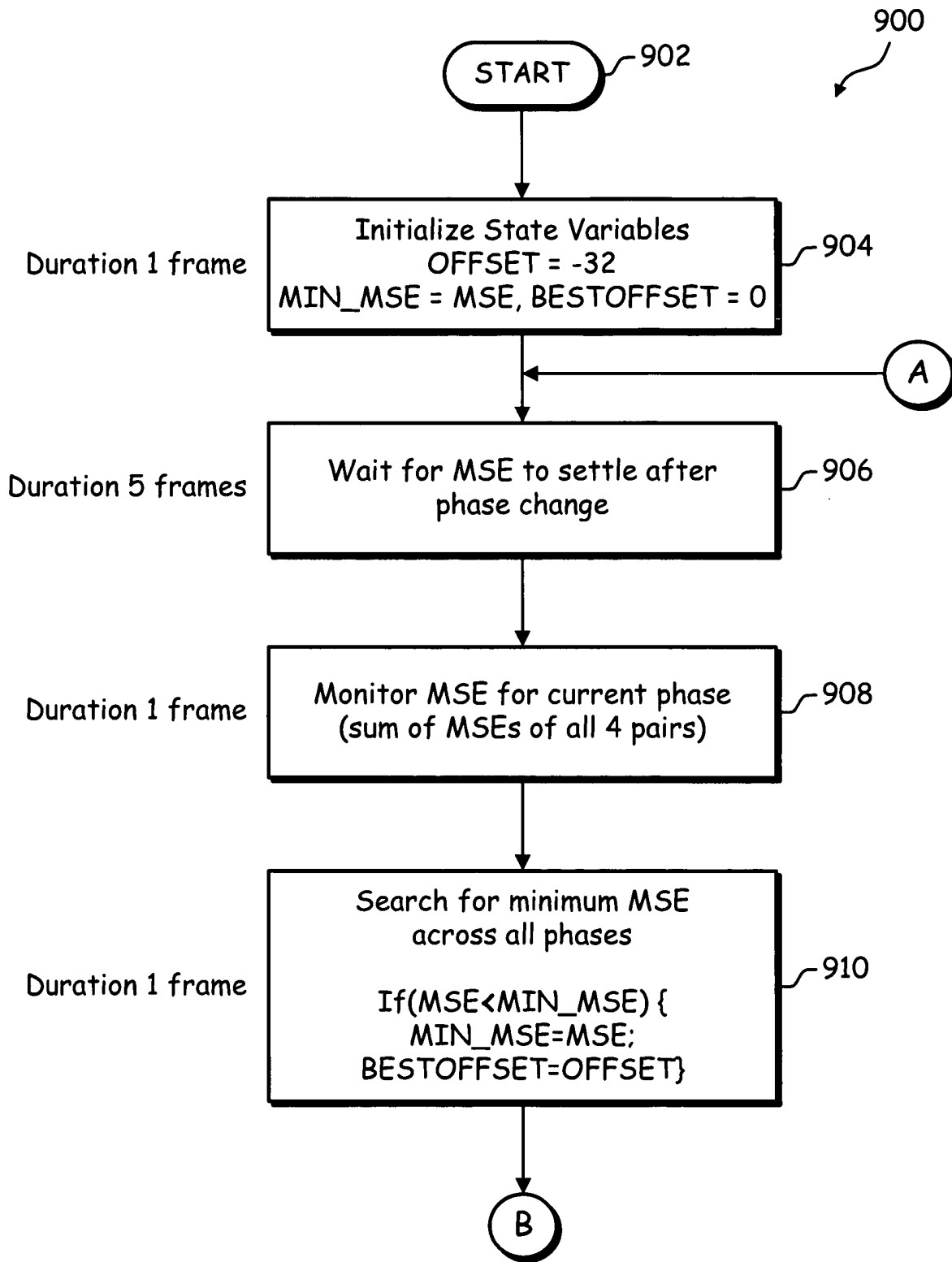


FIG. 9a

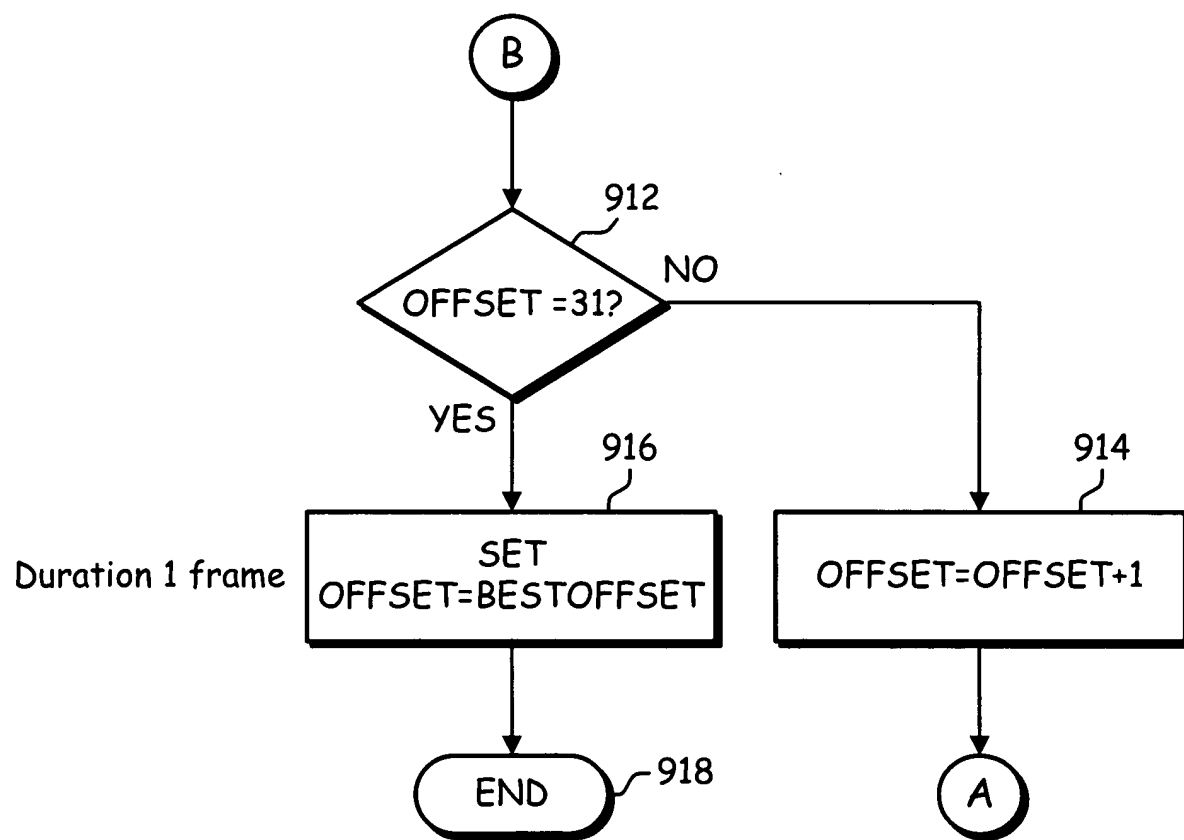


FIG. 9b

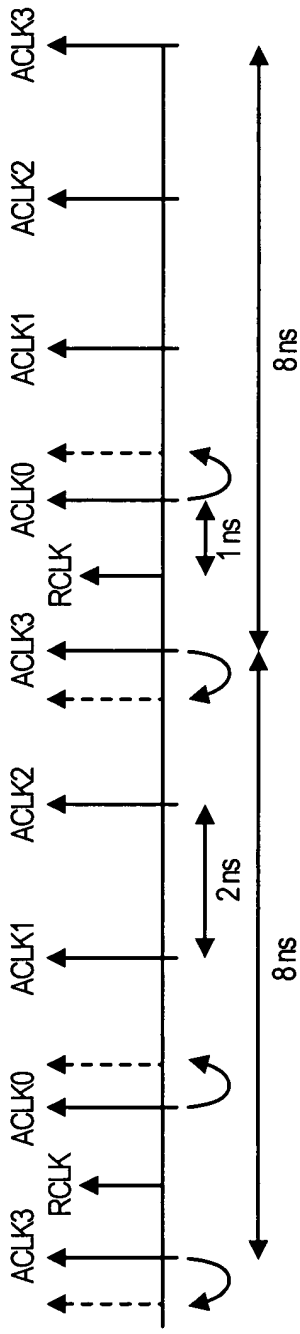


FIG. 10a

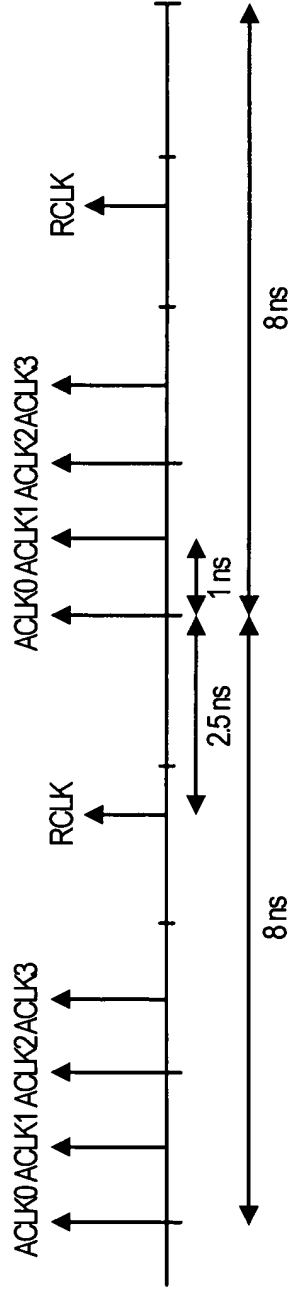


FIG. 10b

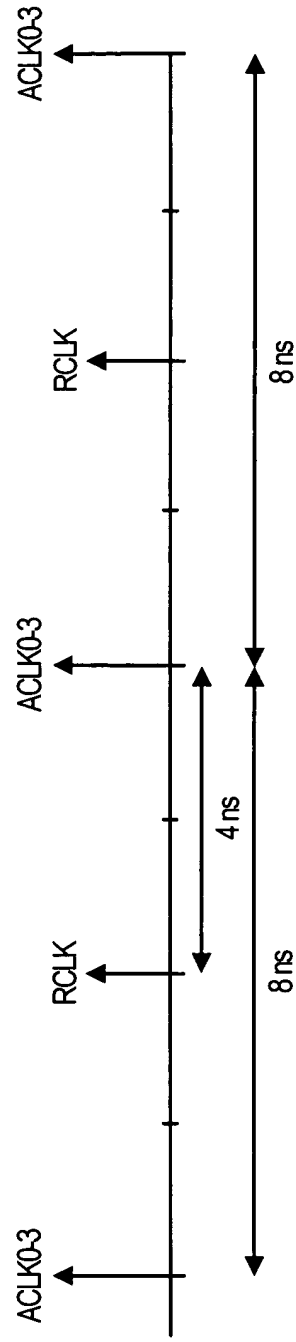


FIG. 10c

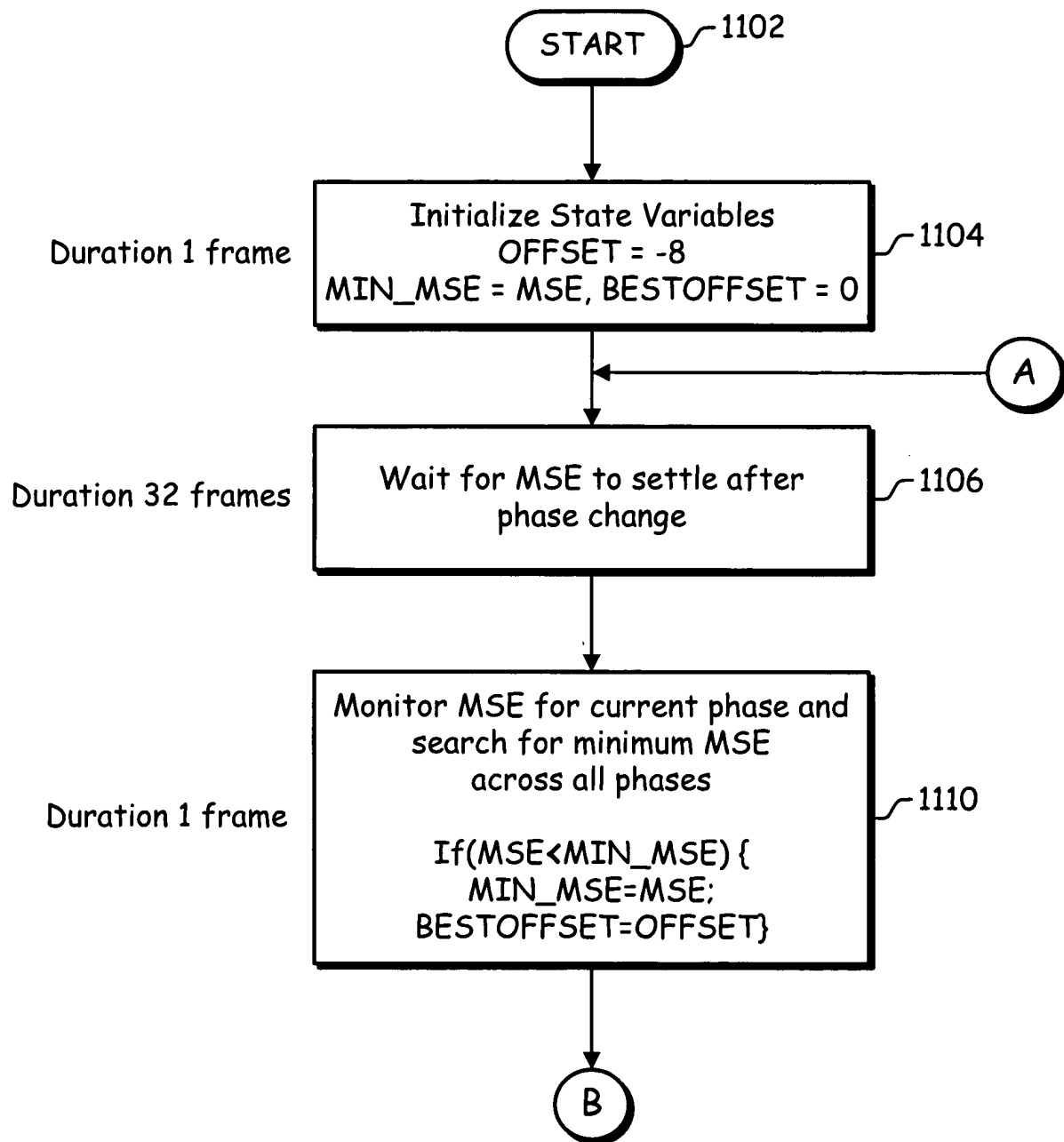


FIG. 11a

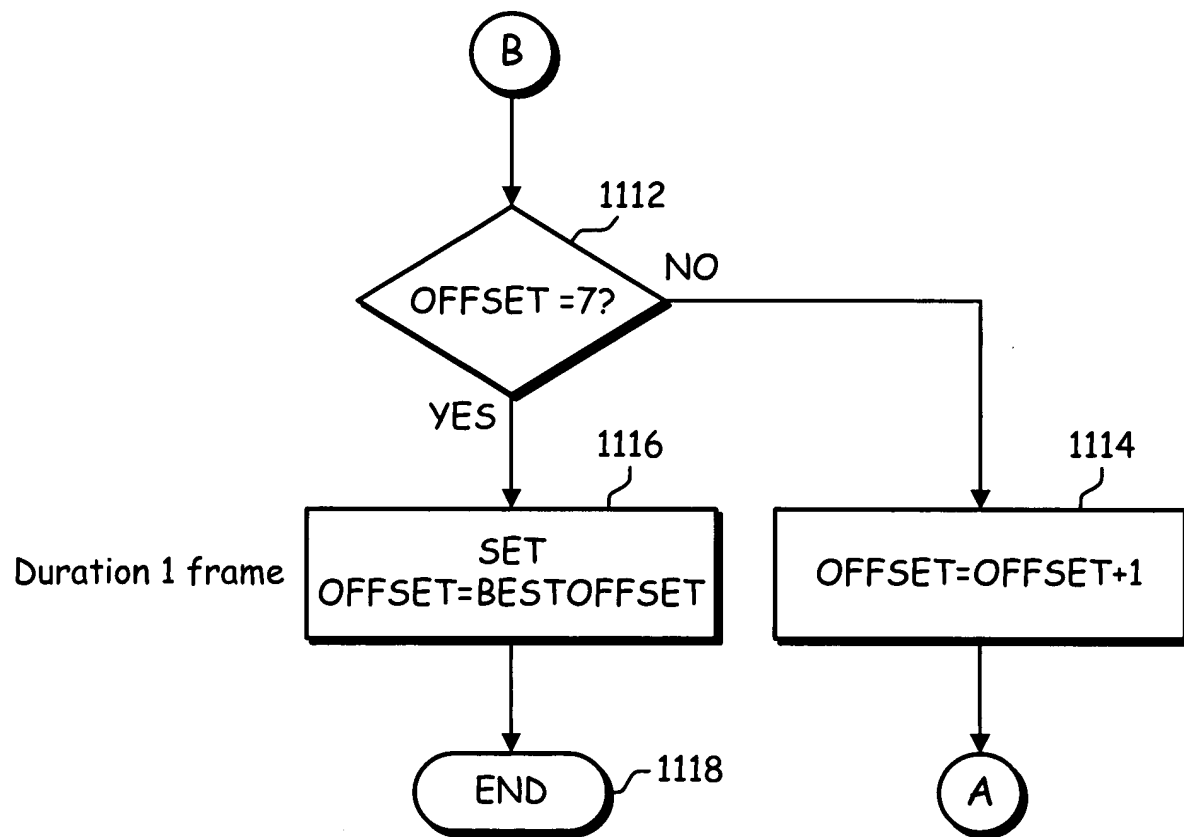


FIG. 11b

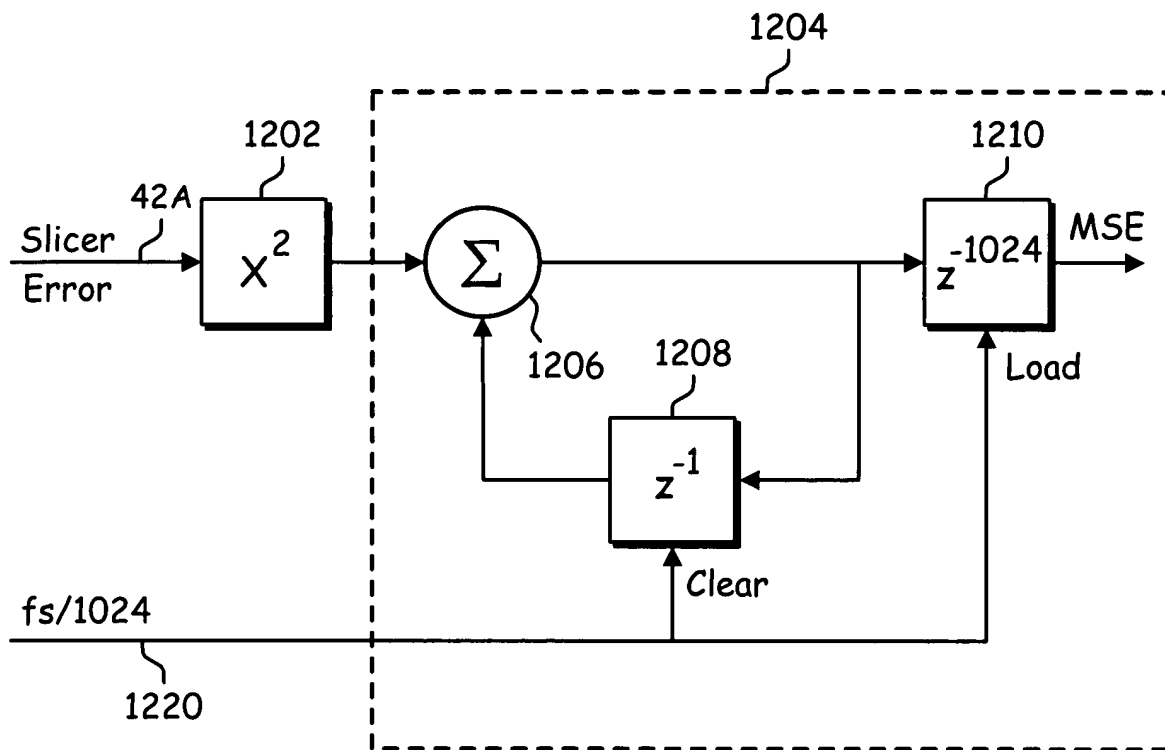


FIG. 12

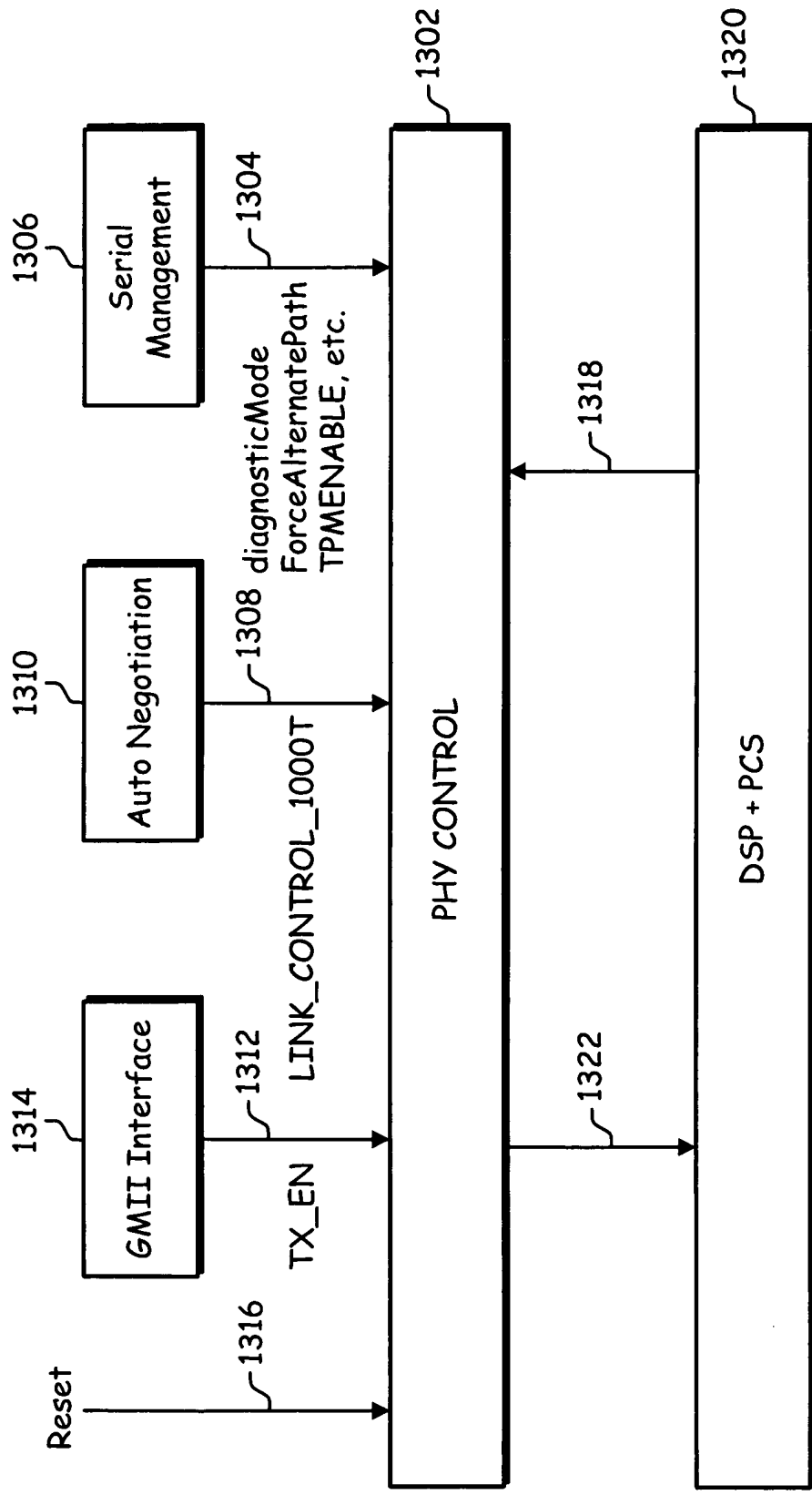


FIG. 13

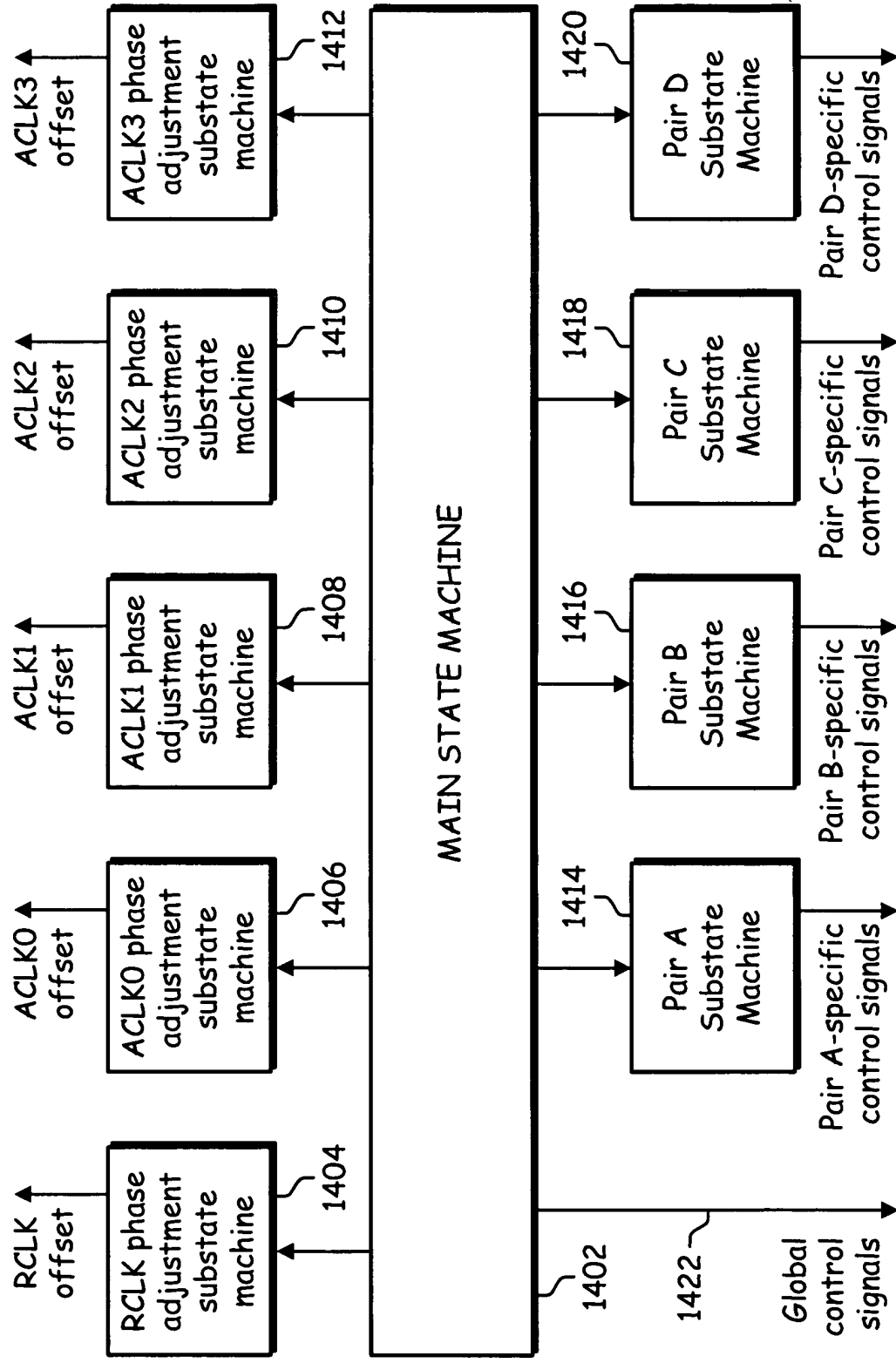
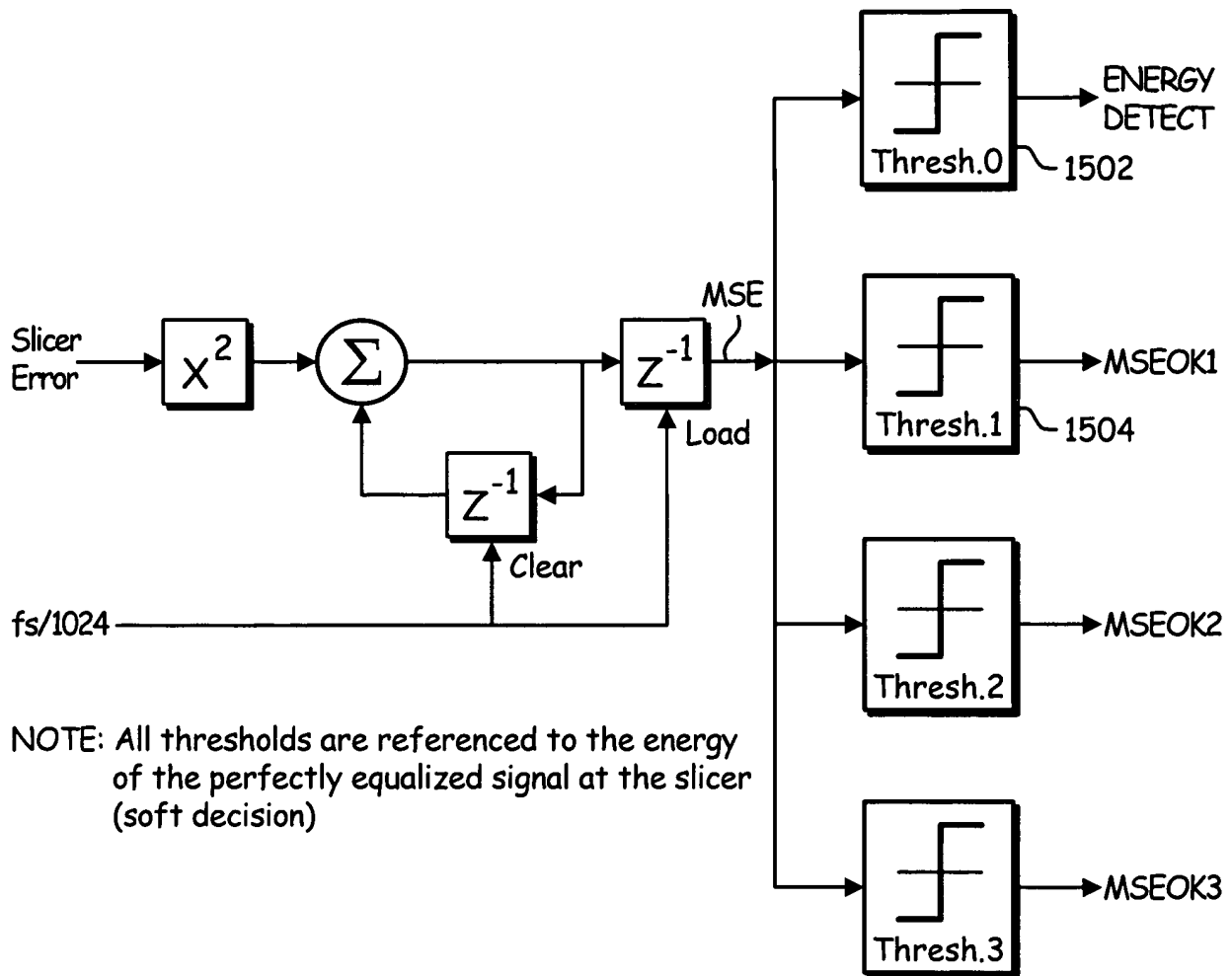


FIG. 14



THRESHOLD	VALUE[dB]	FUNCTION
Thresh.0	-20	ENERGY DETECT
Thresh.1	-17	loc_rcvr_status_OK
Thresh.2	-12	frequency recovery
Thresh.3 (1)	-22.8 (SER=1e-13)	Quality Indicator
Thresh.3 (2)	-22.5 (SER=1e-12)	Quality Indicator
Thresh.3 (3)	-22.0 (SER=1e-11)	Quality Indicator (default)
Thresh.3 (4)	-21.5 (SER=1e-10)	Quality Indicator

FIG. 15

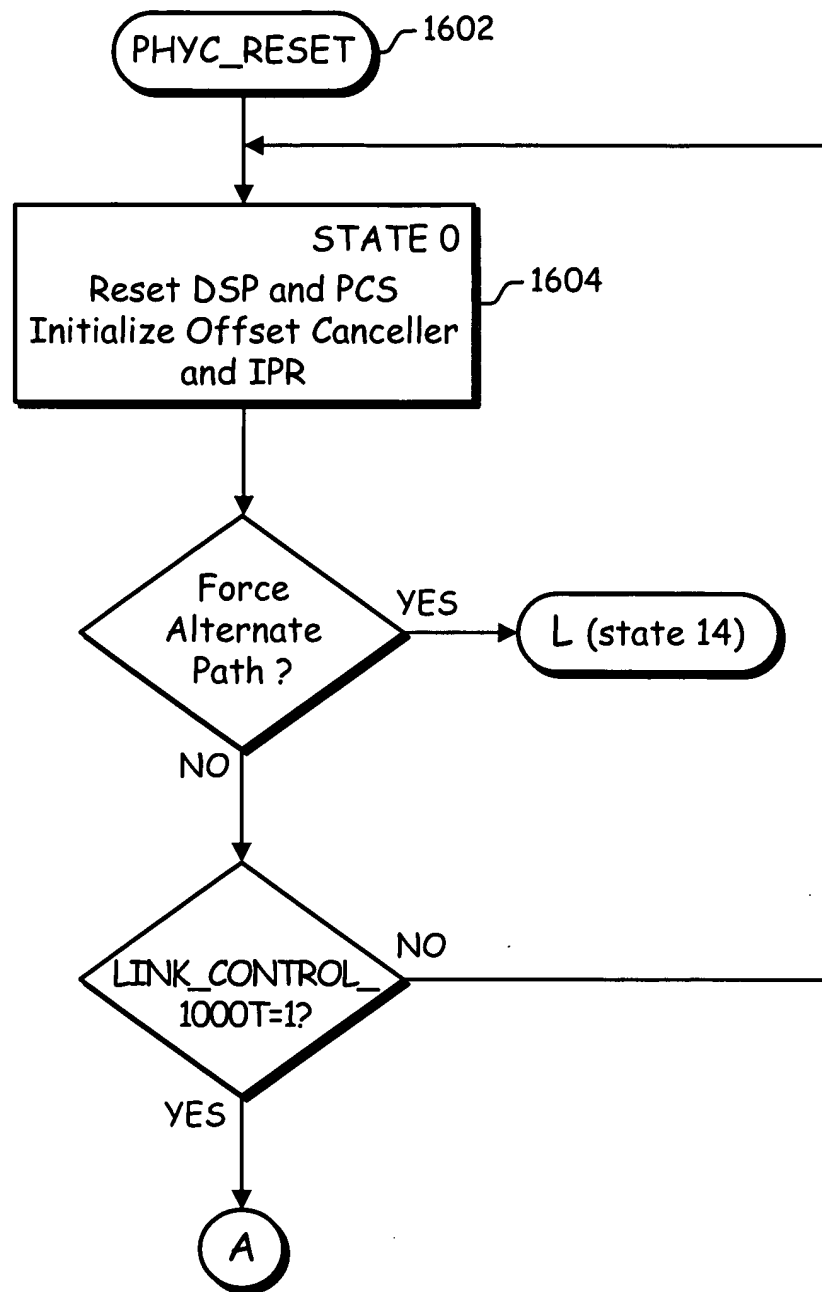


FIG. 16A

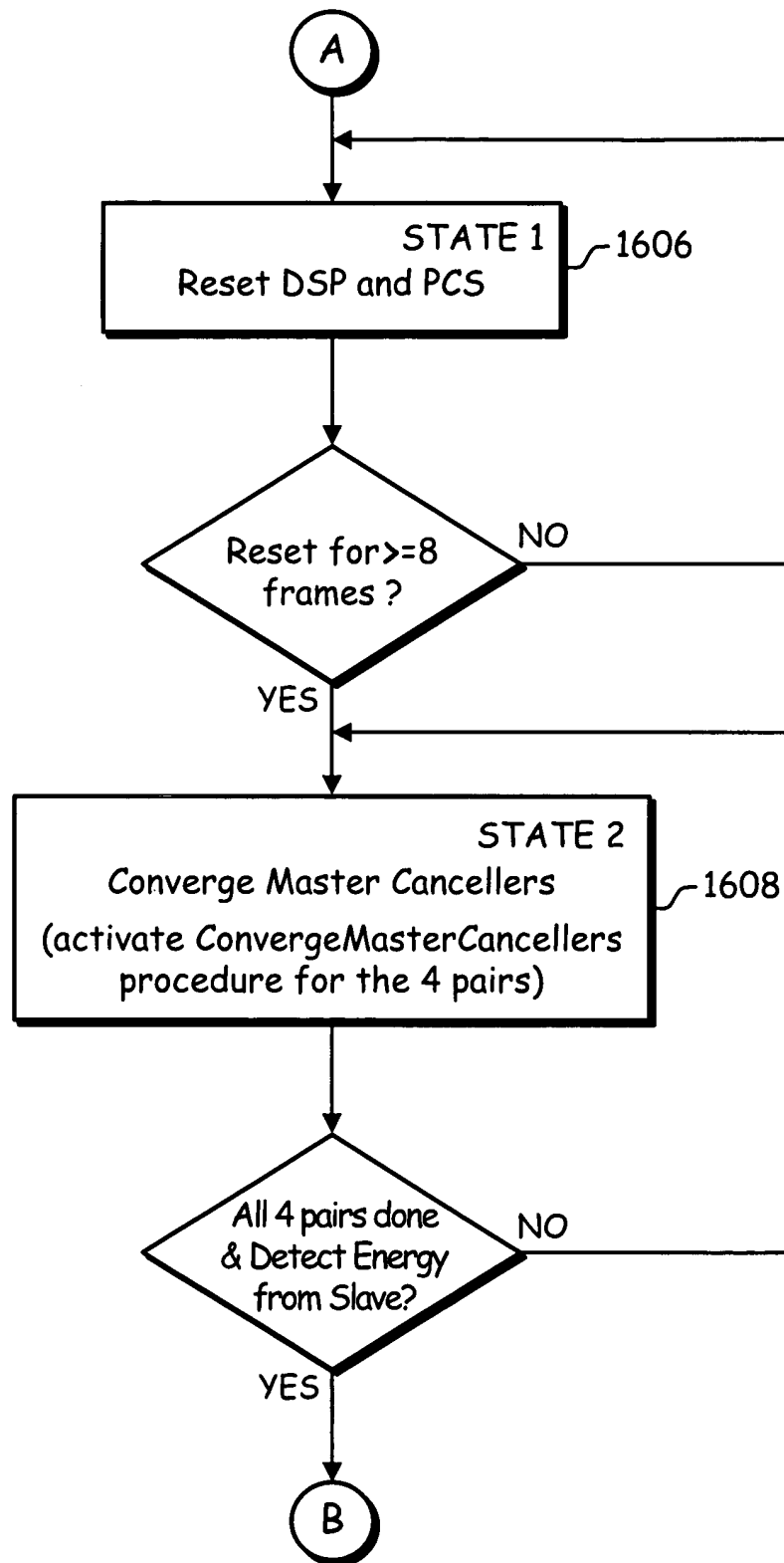


FIG. 16B

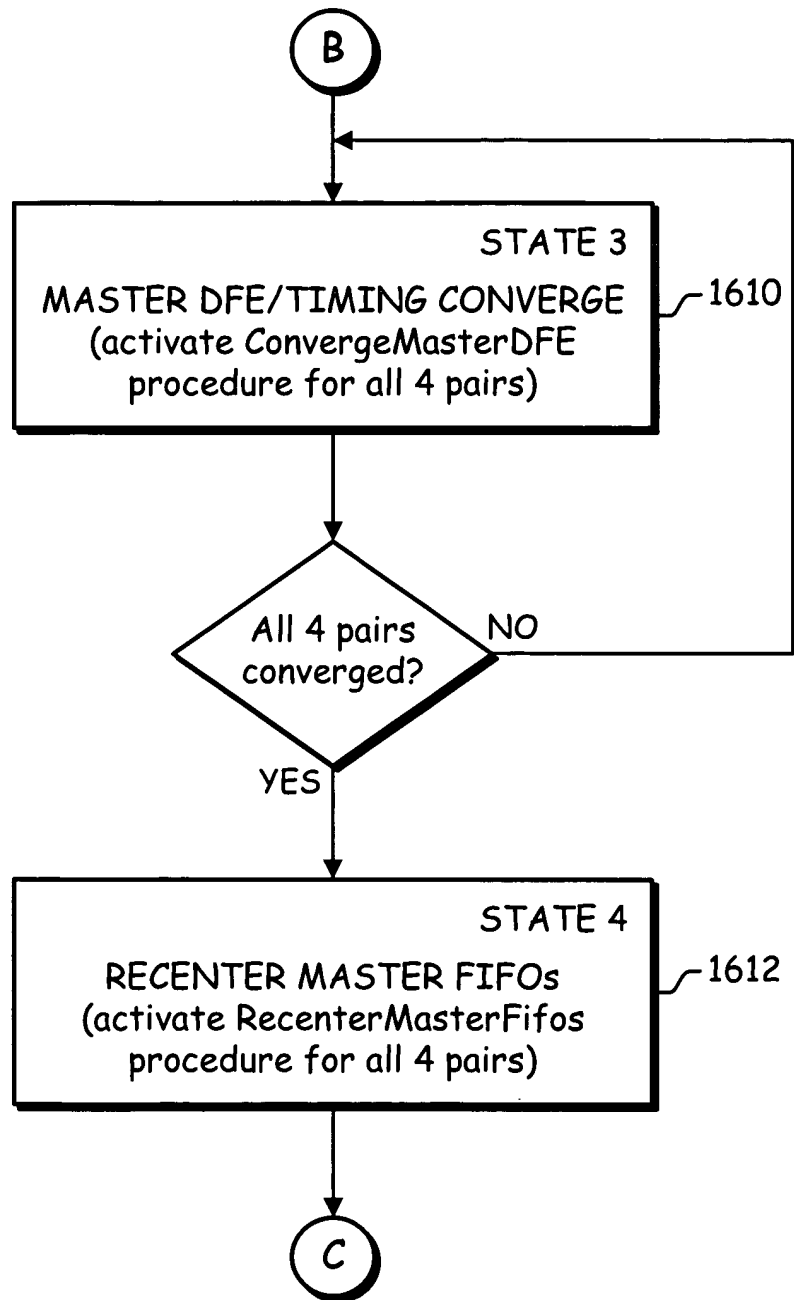


FIG. 16C

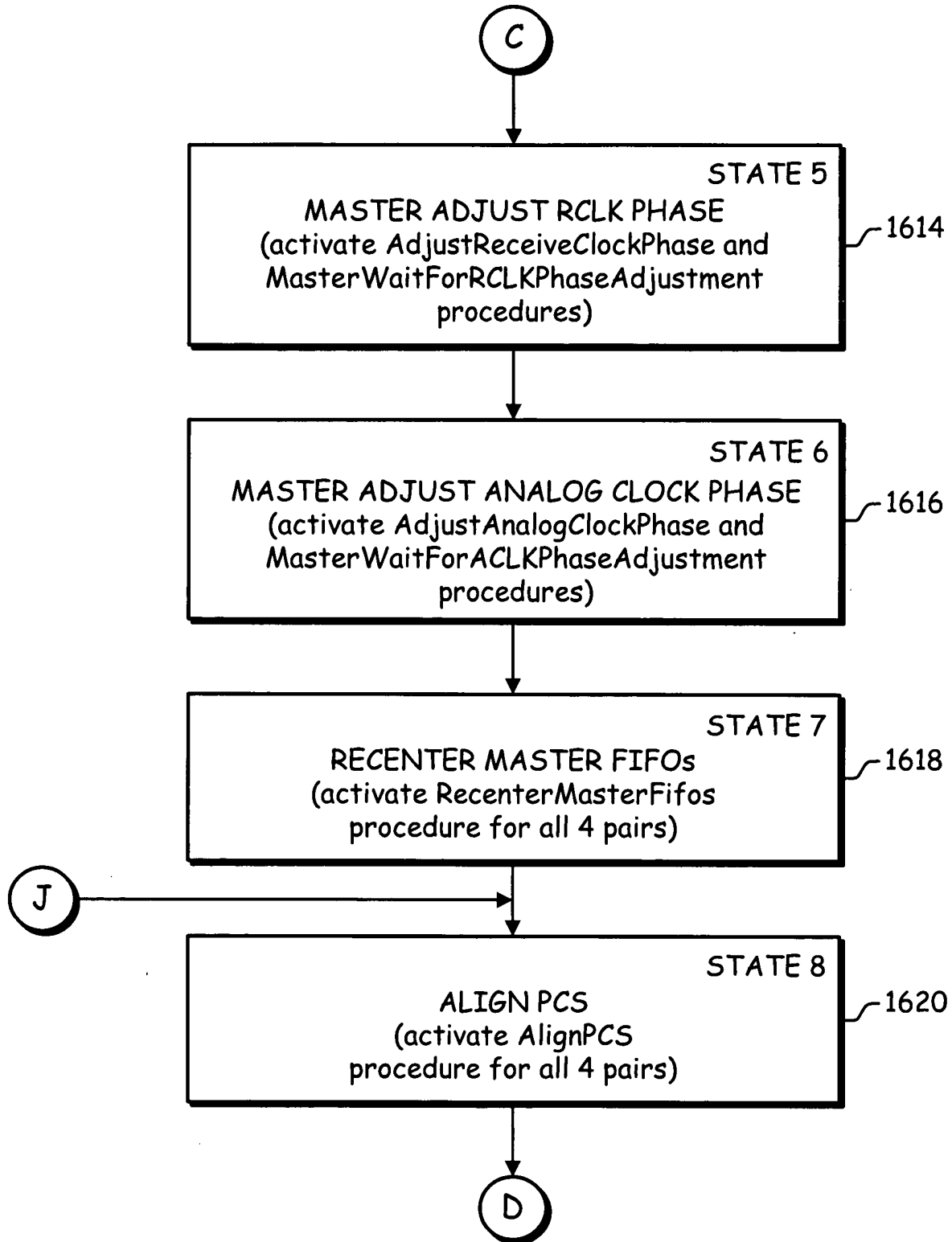


FIG. 16D

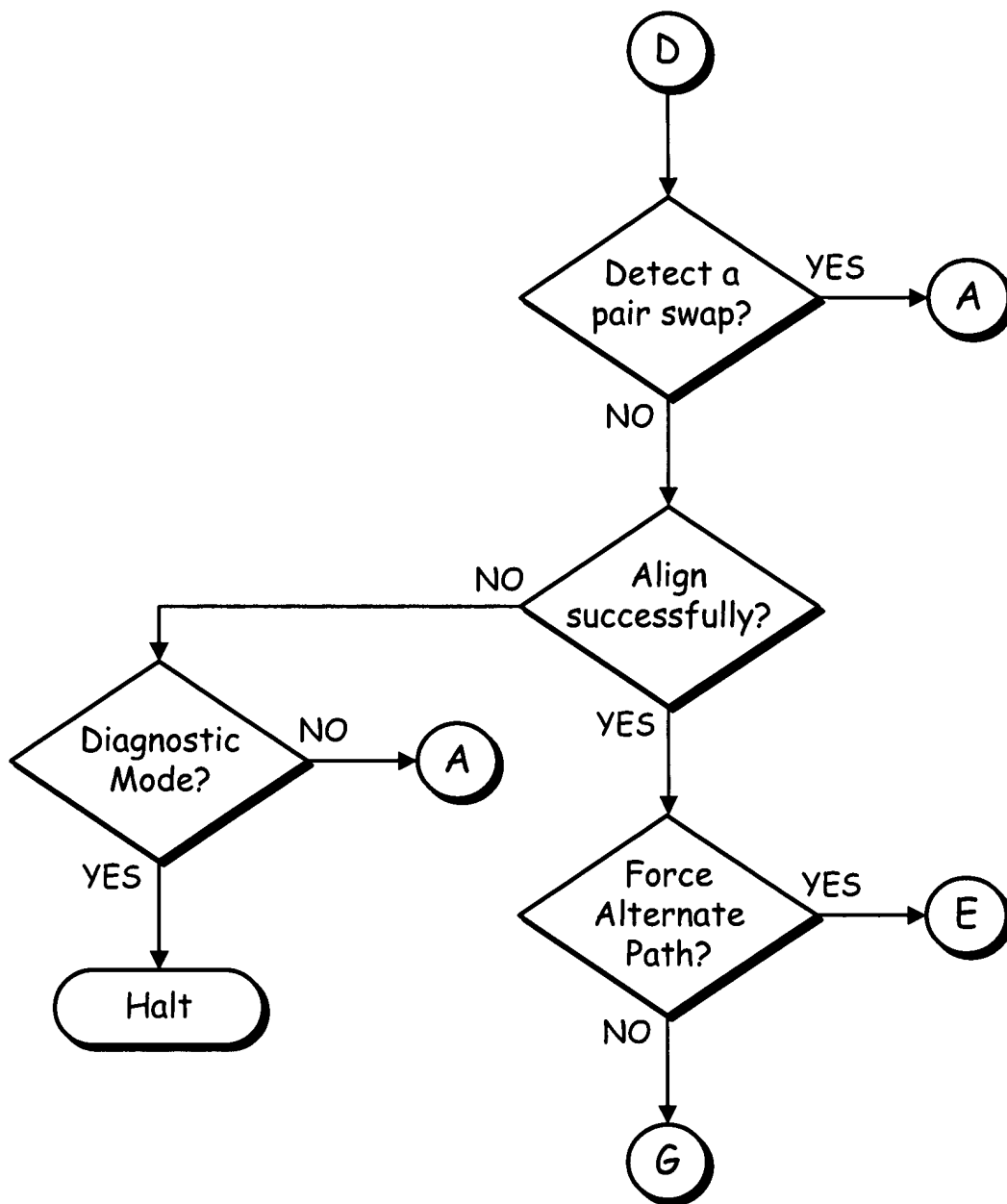


FIG. 16E

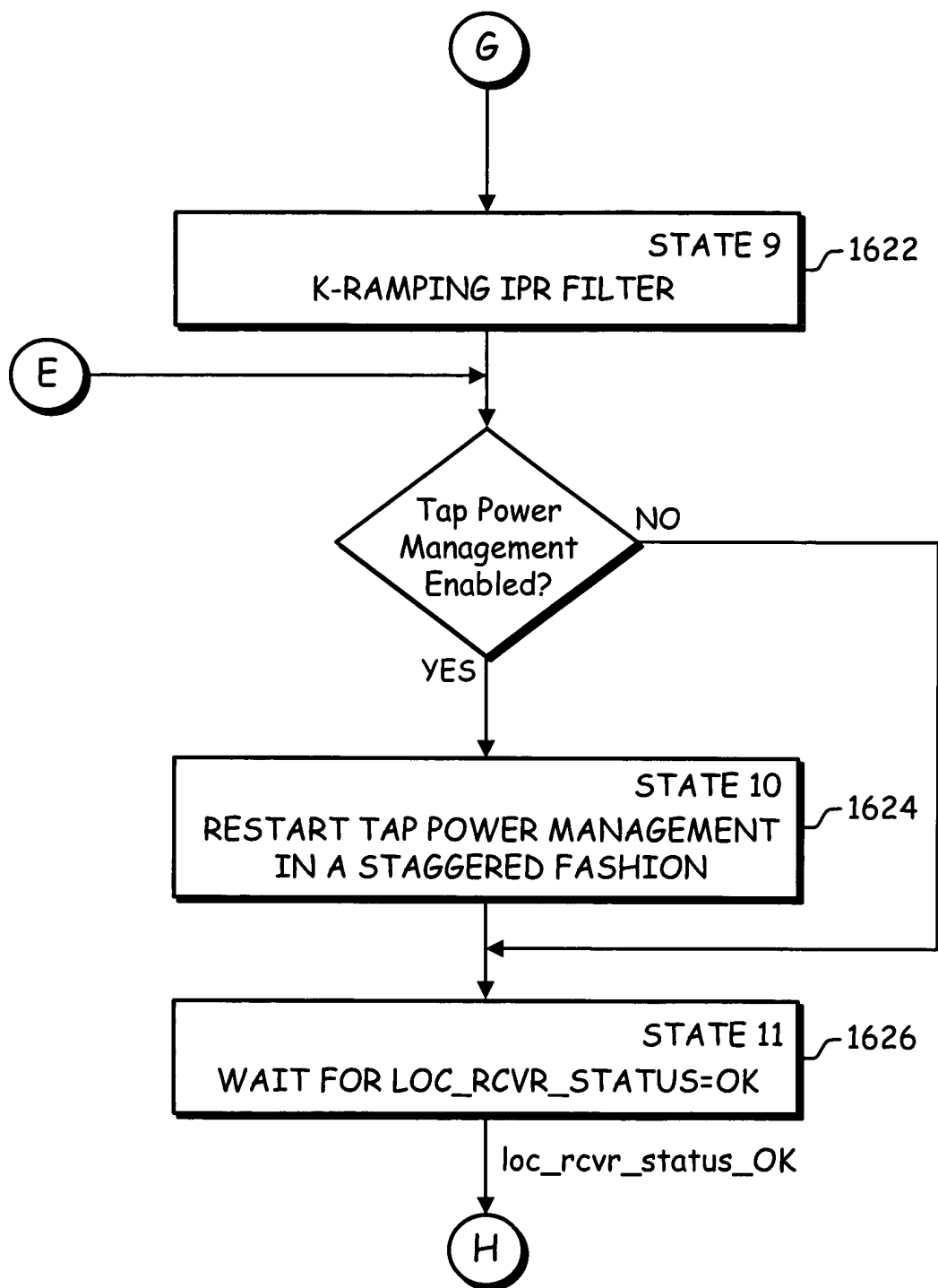


FIG. 16F

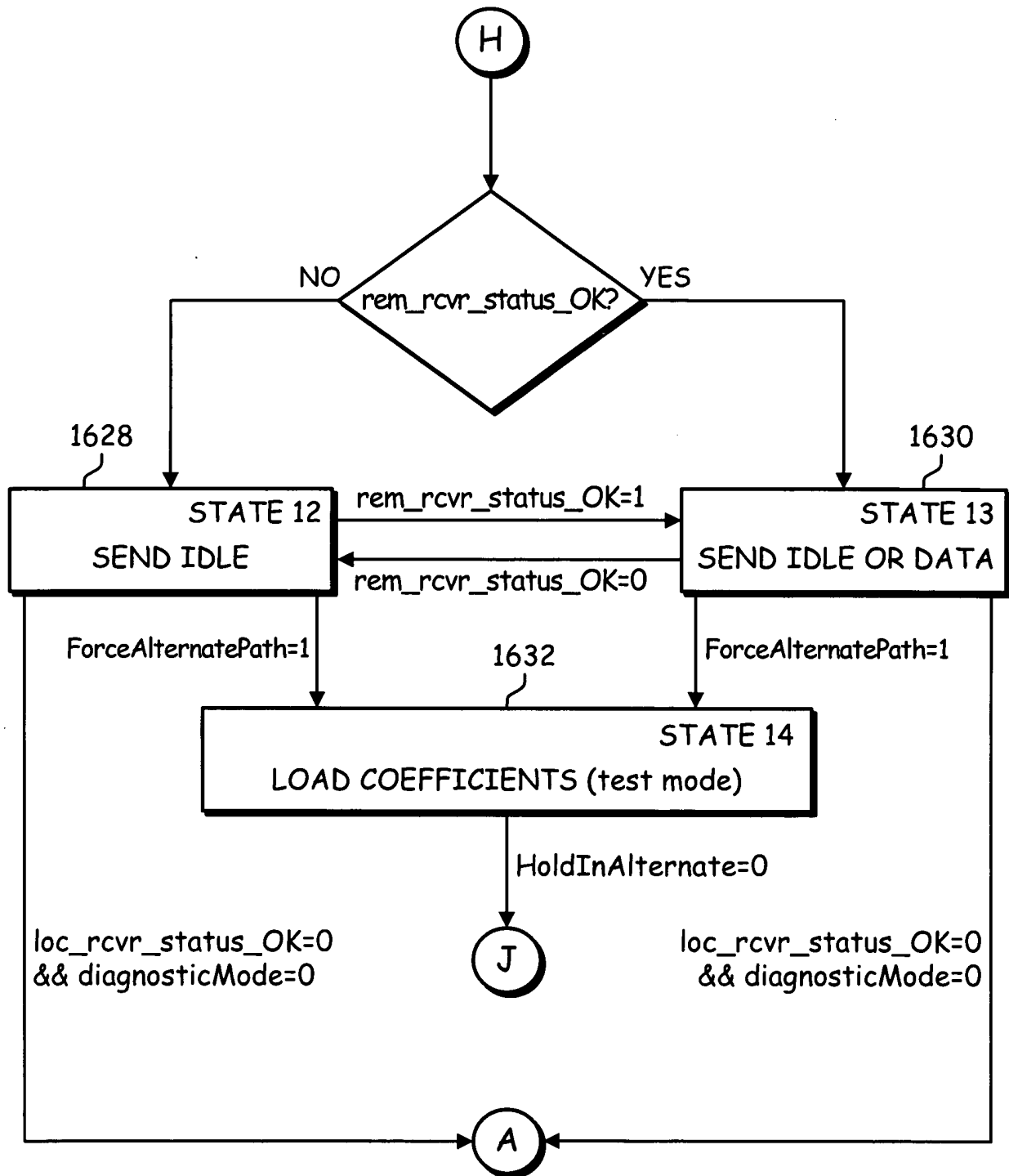


FIG. 16G

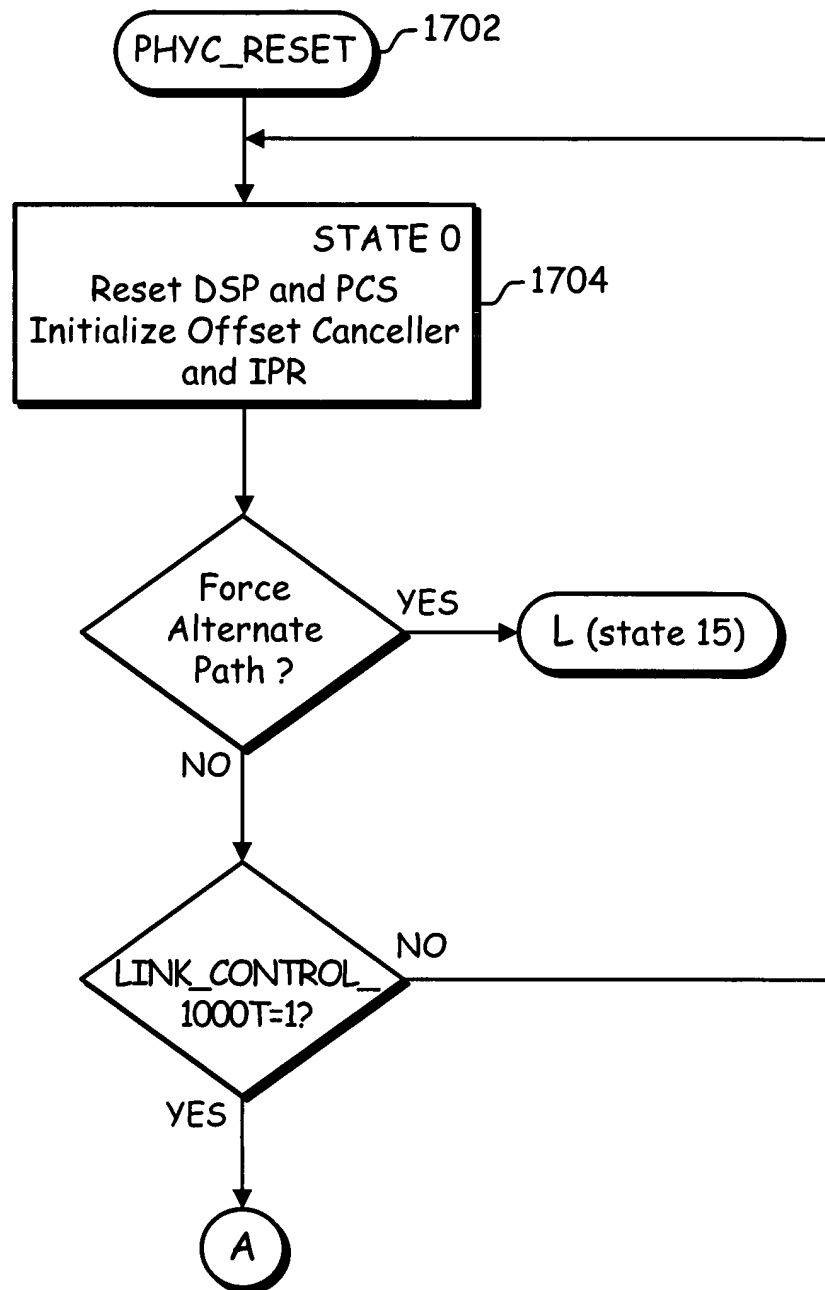


FIG. 17A

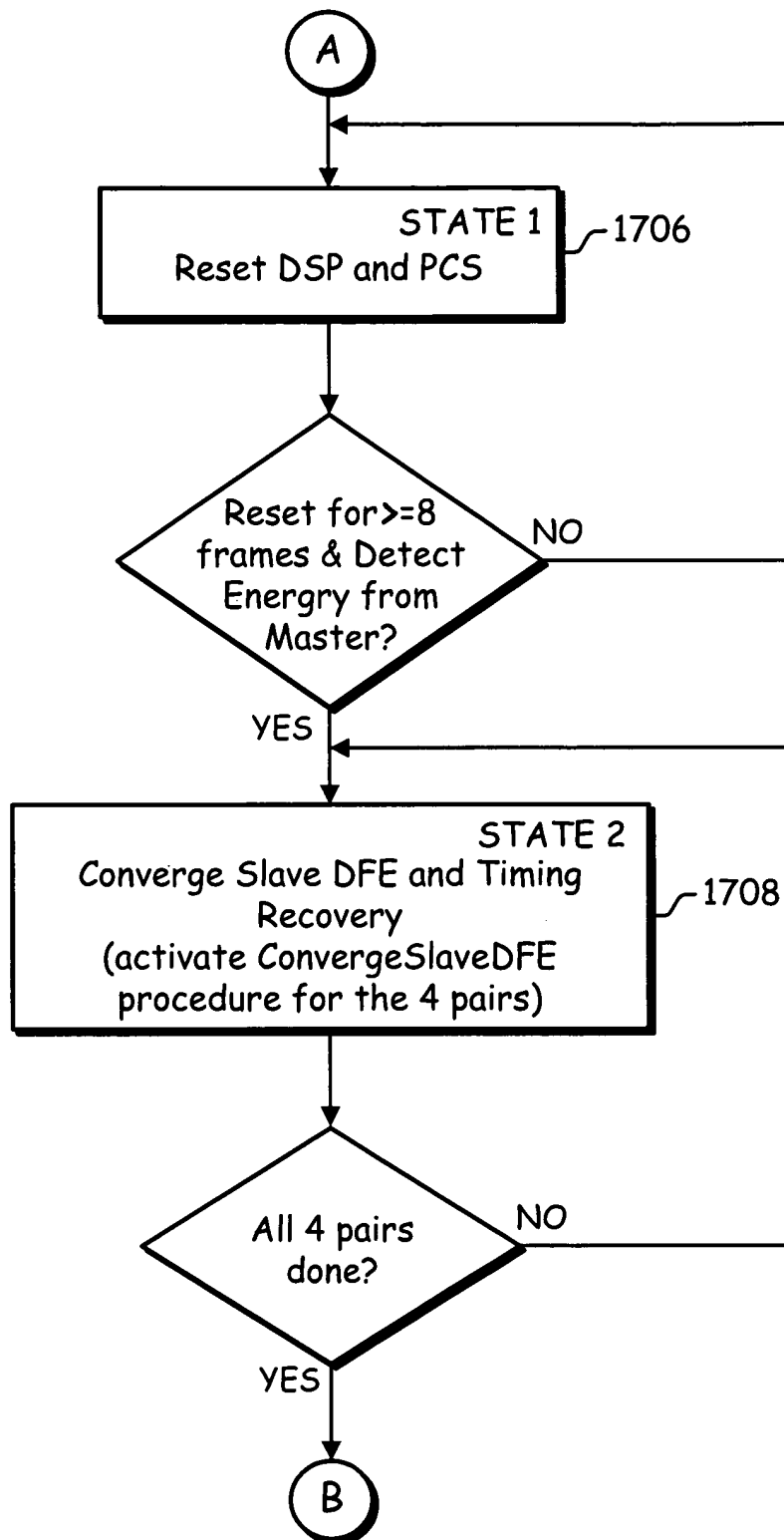


FIG. 17B

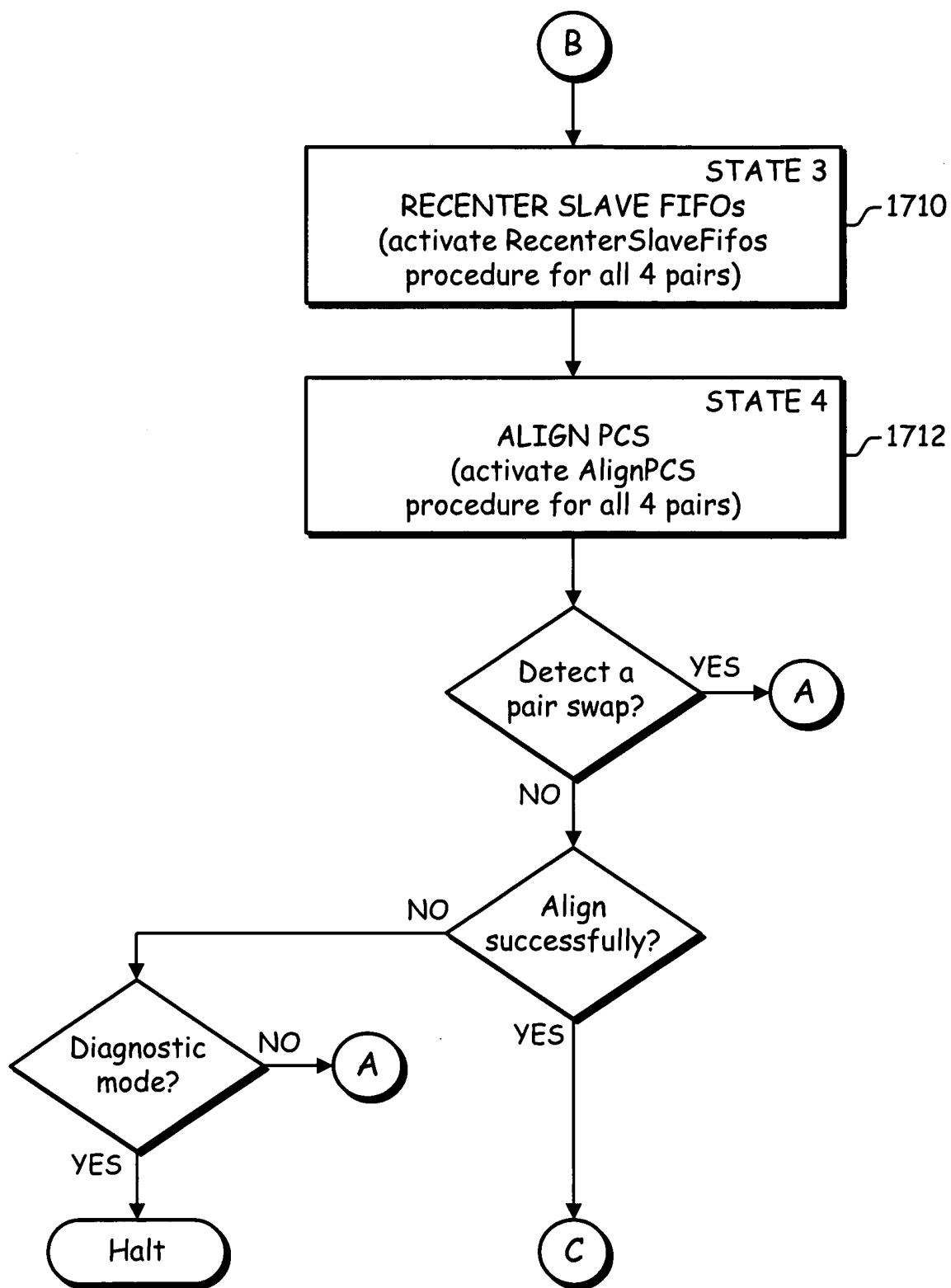


FIG. 17C

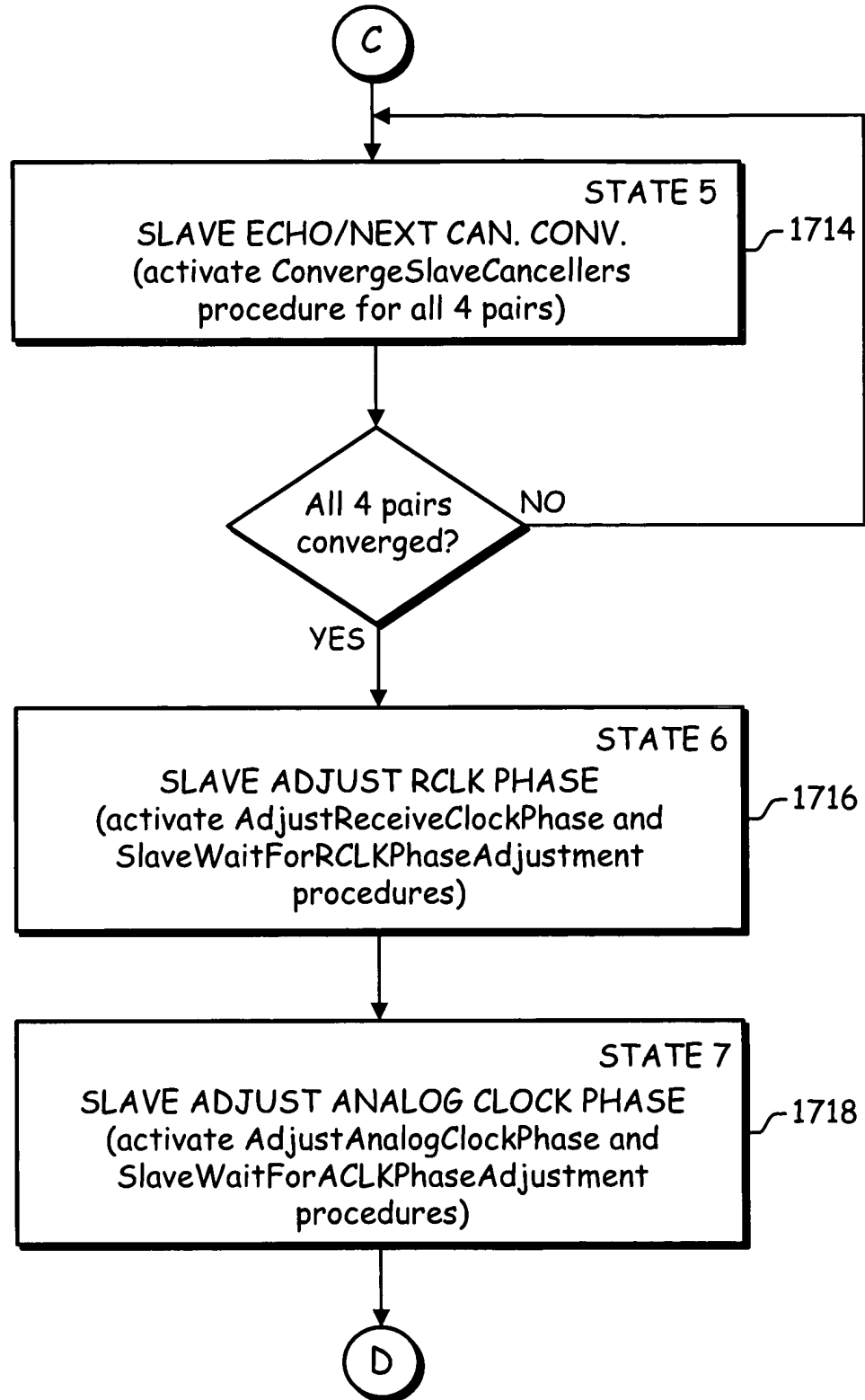


FIG. 17D

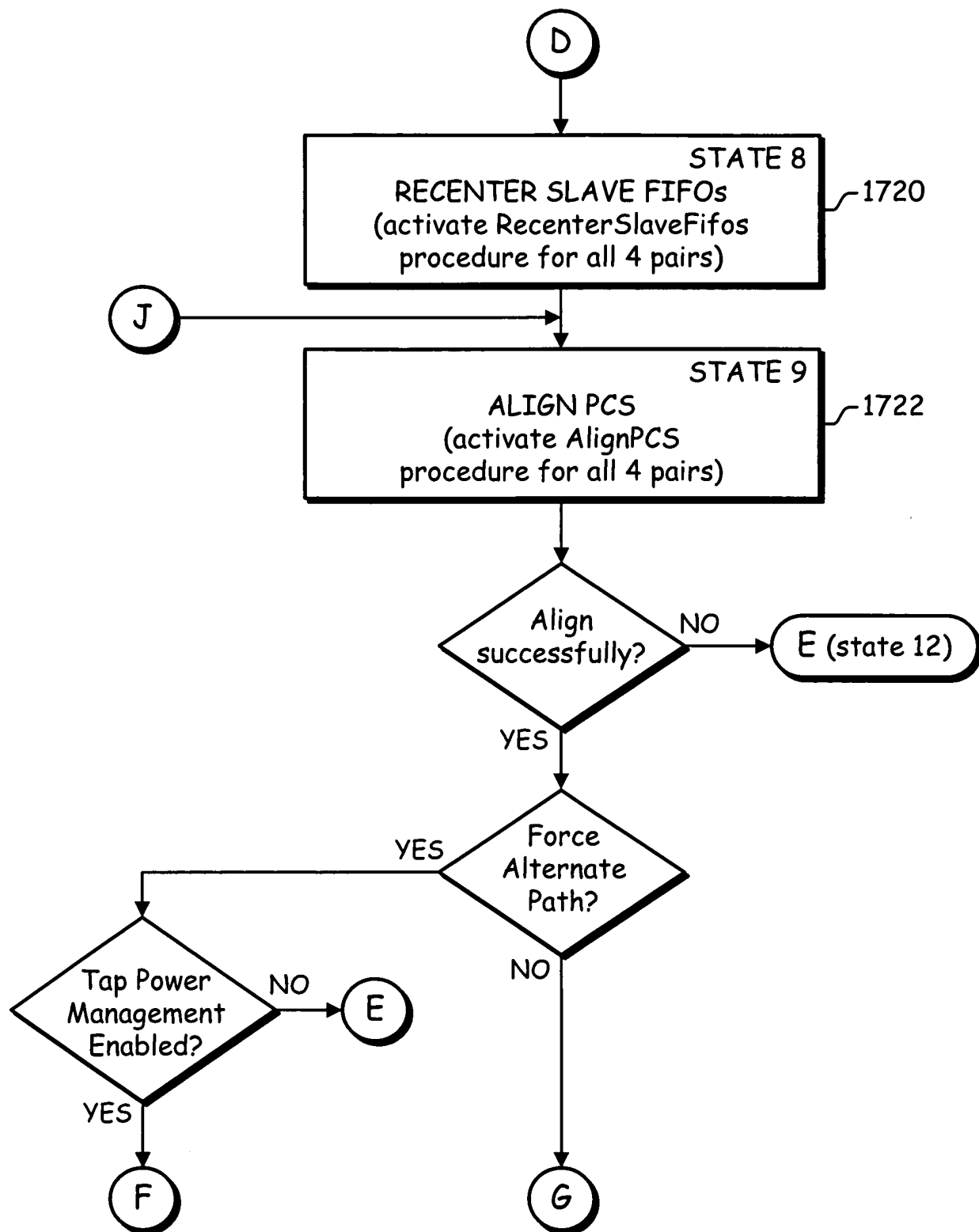


FIG. 17E

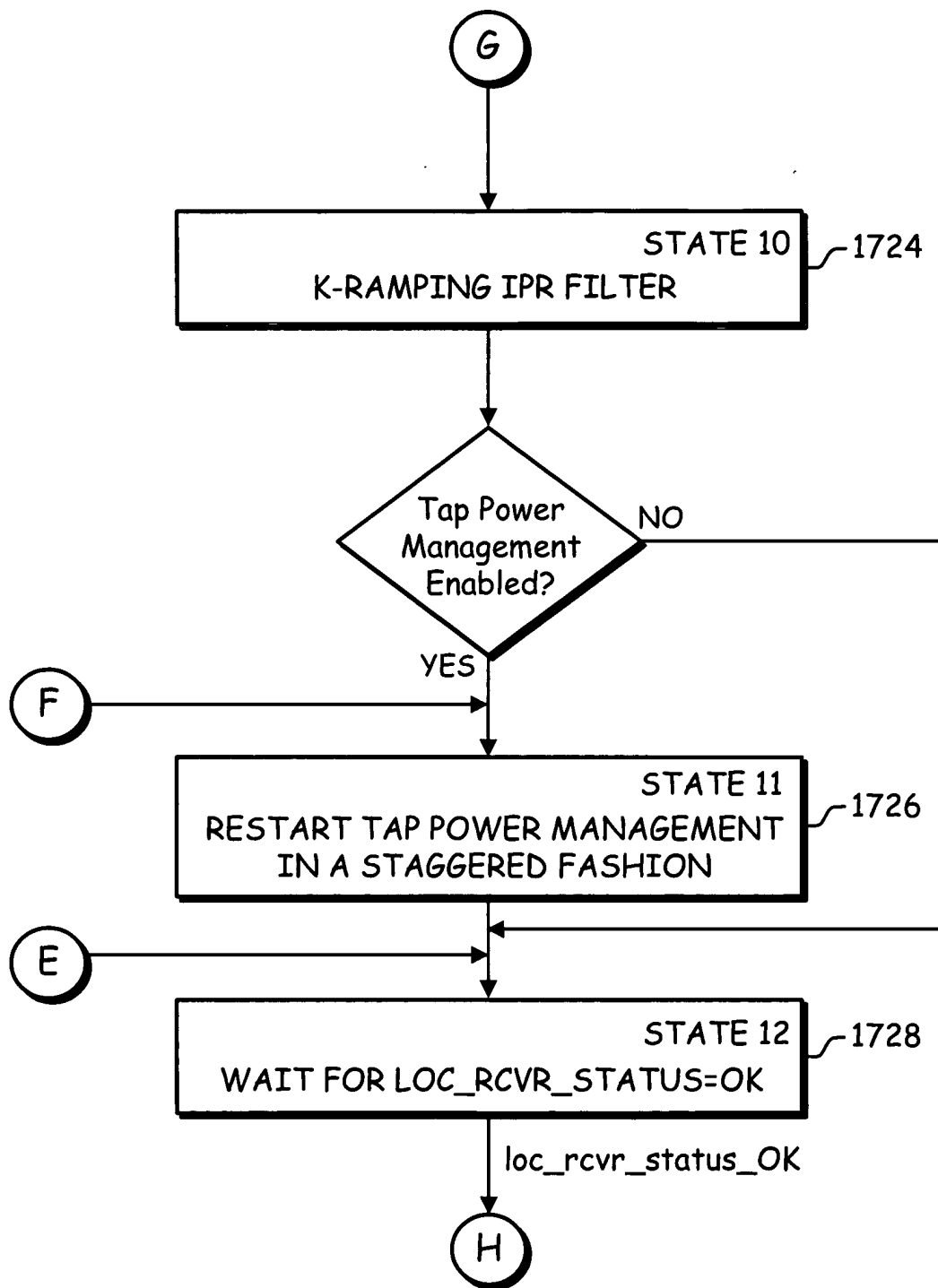


FIG. 17F

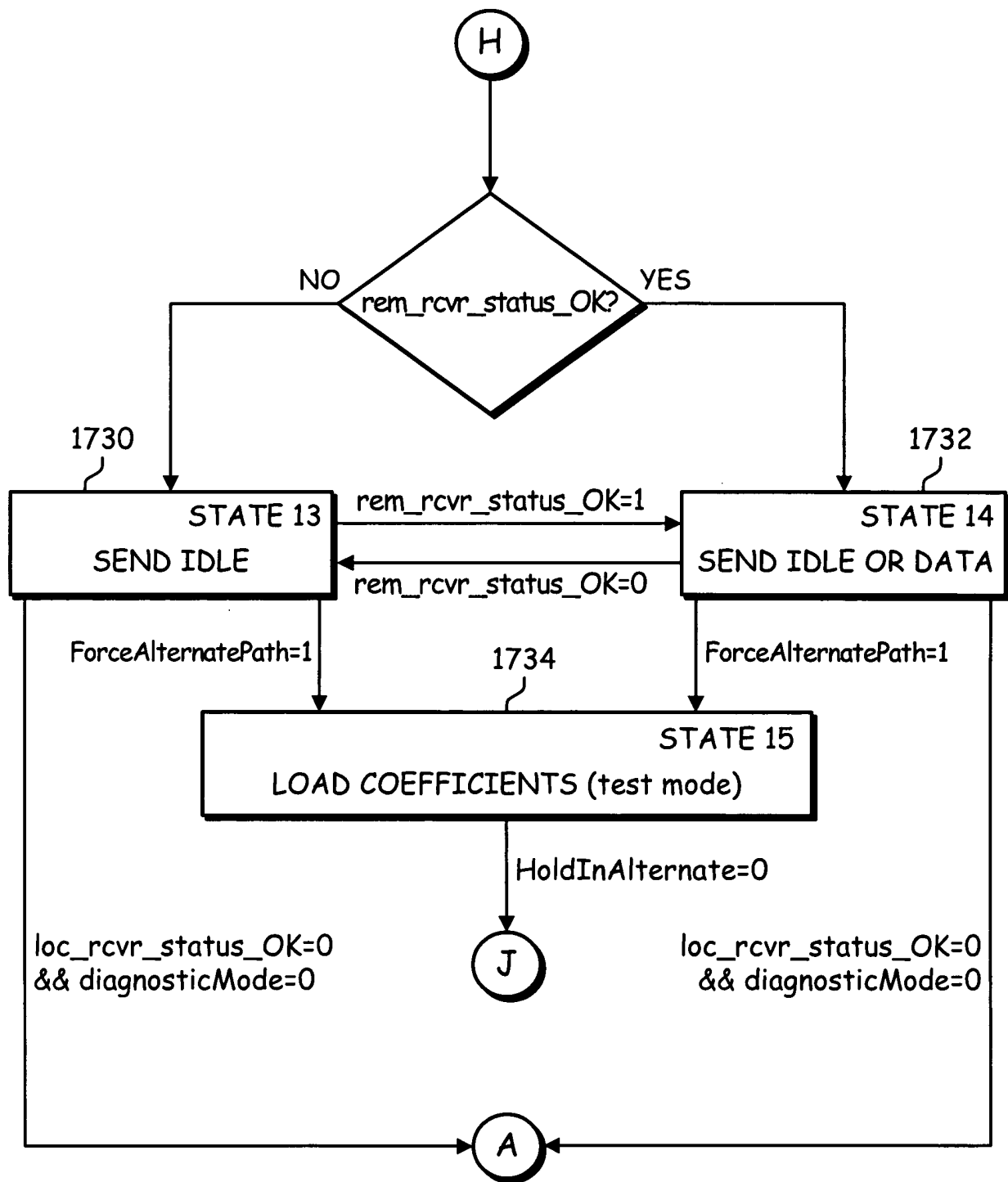


FIG. 17G

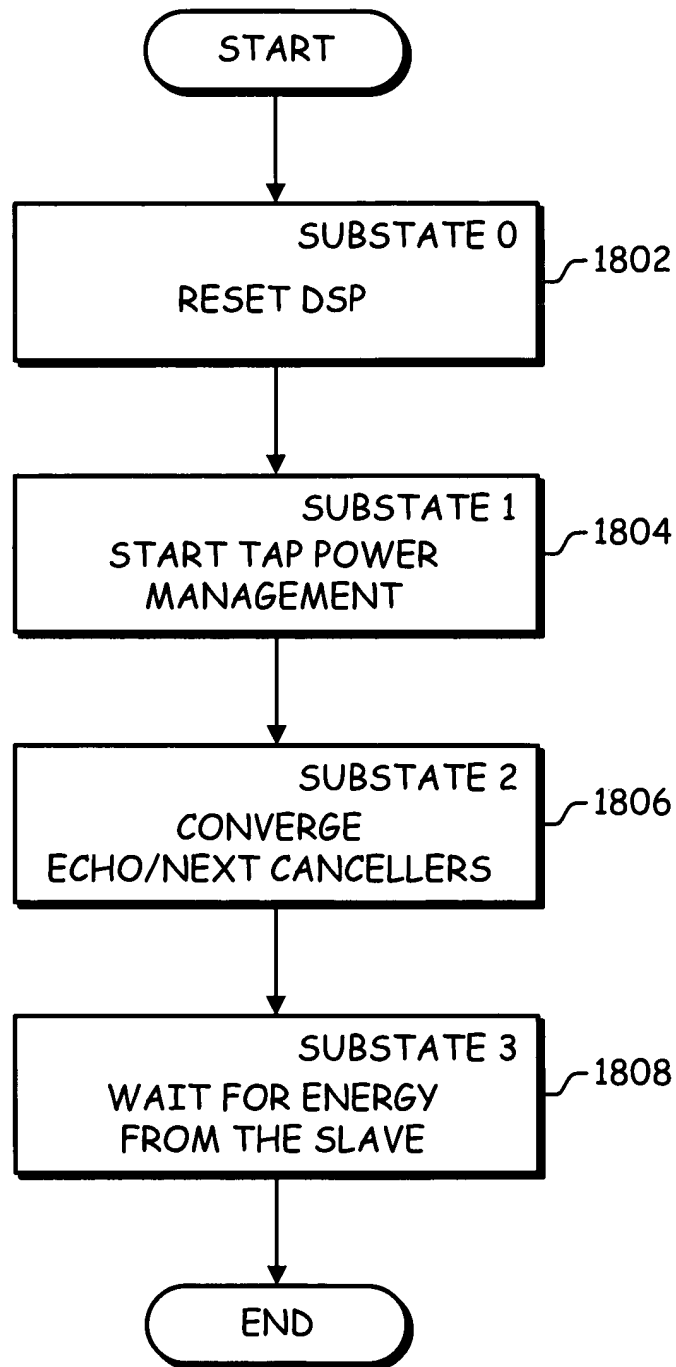


FIG. 18

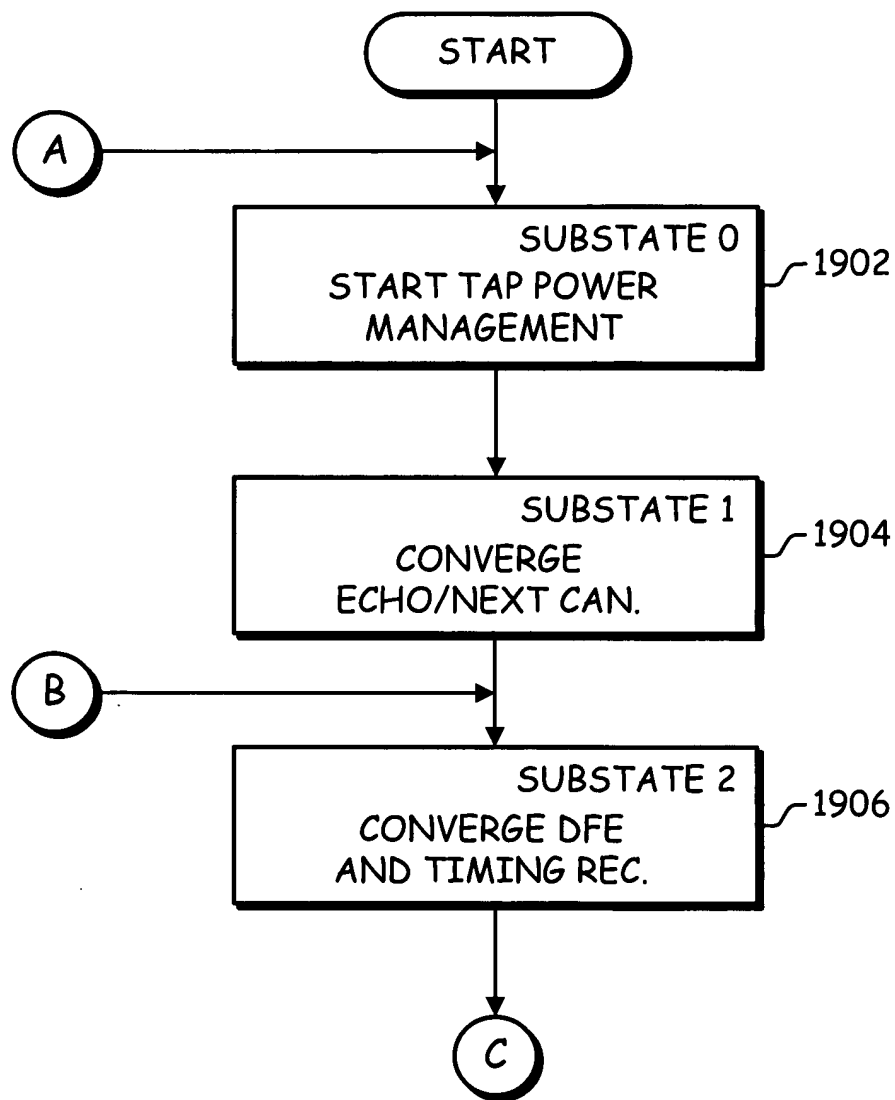


FIG. 19A

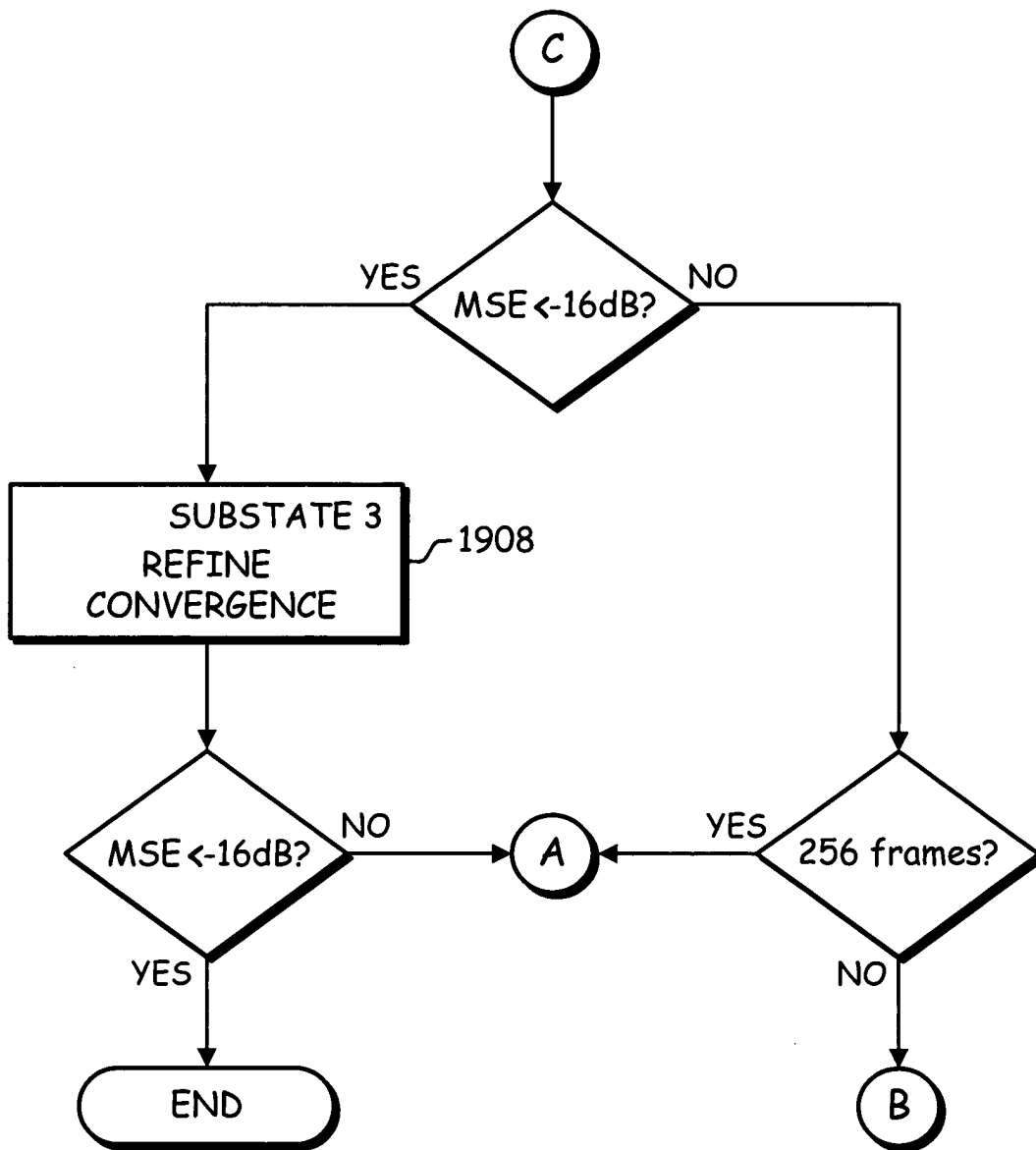


FIG. 19B

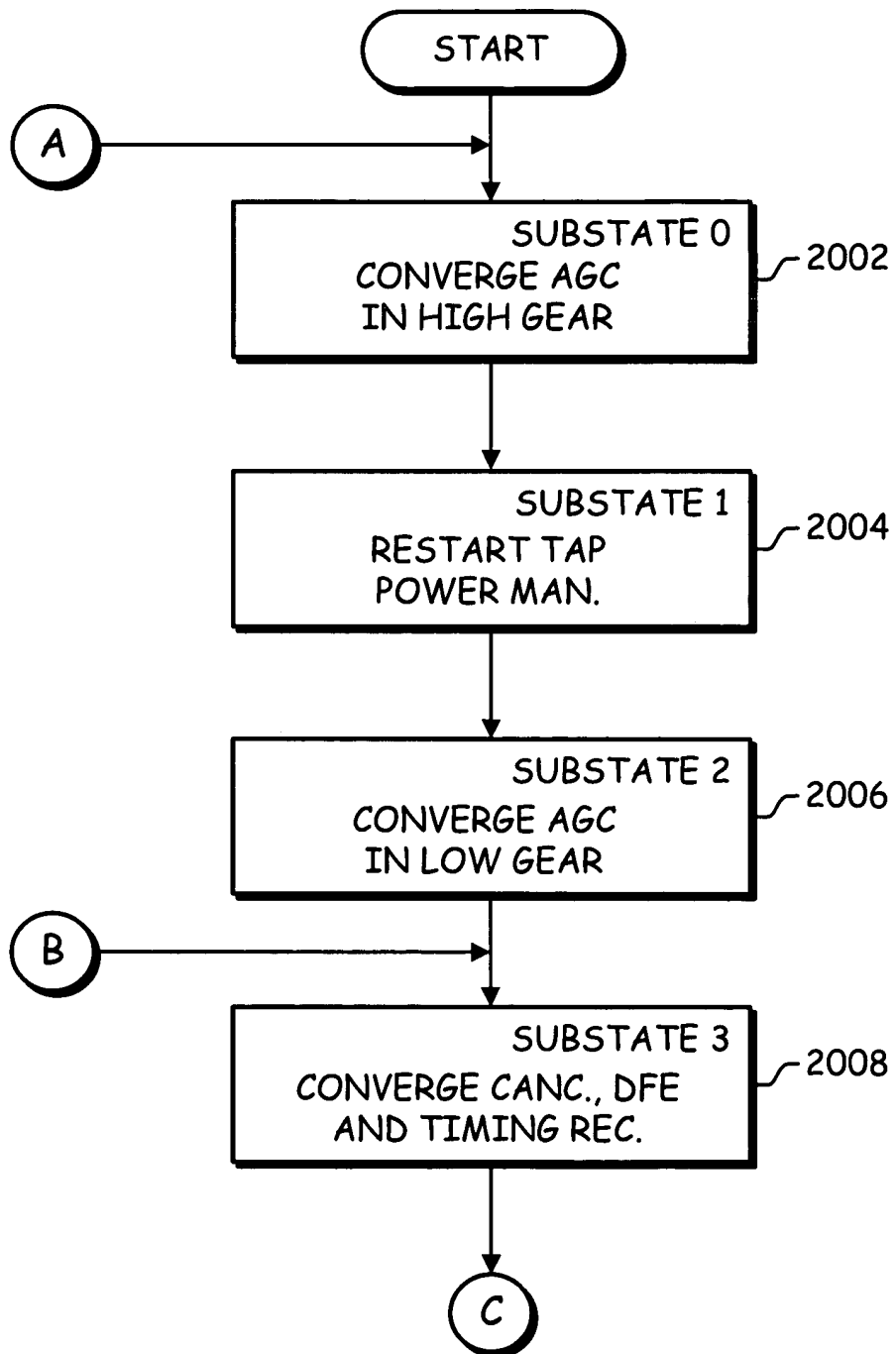


FIG. 20A

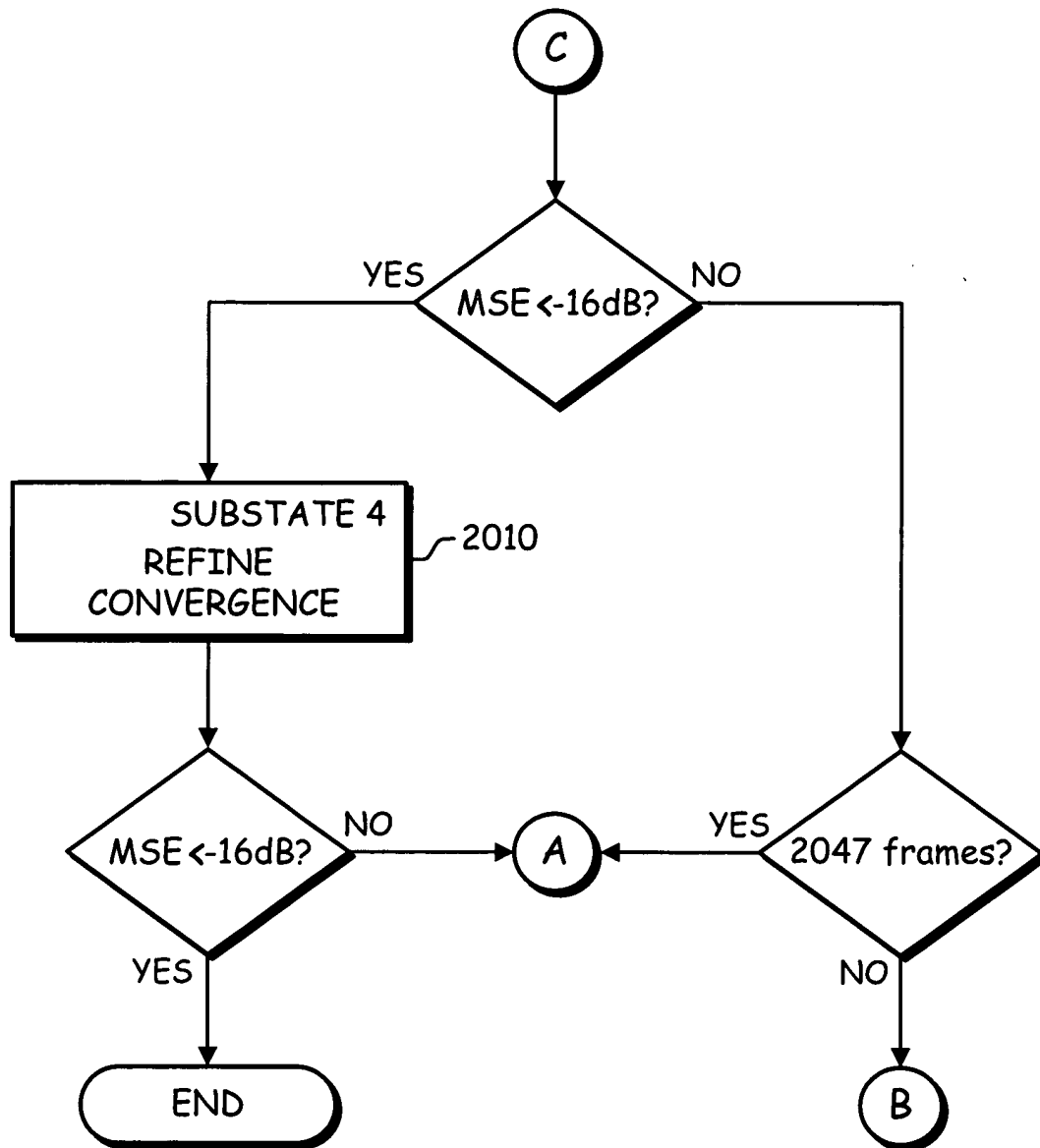


FIG. 20B

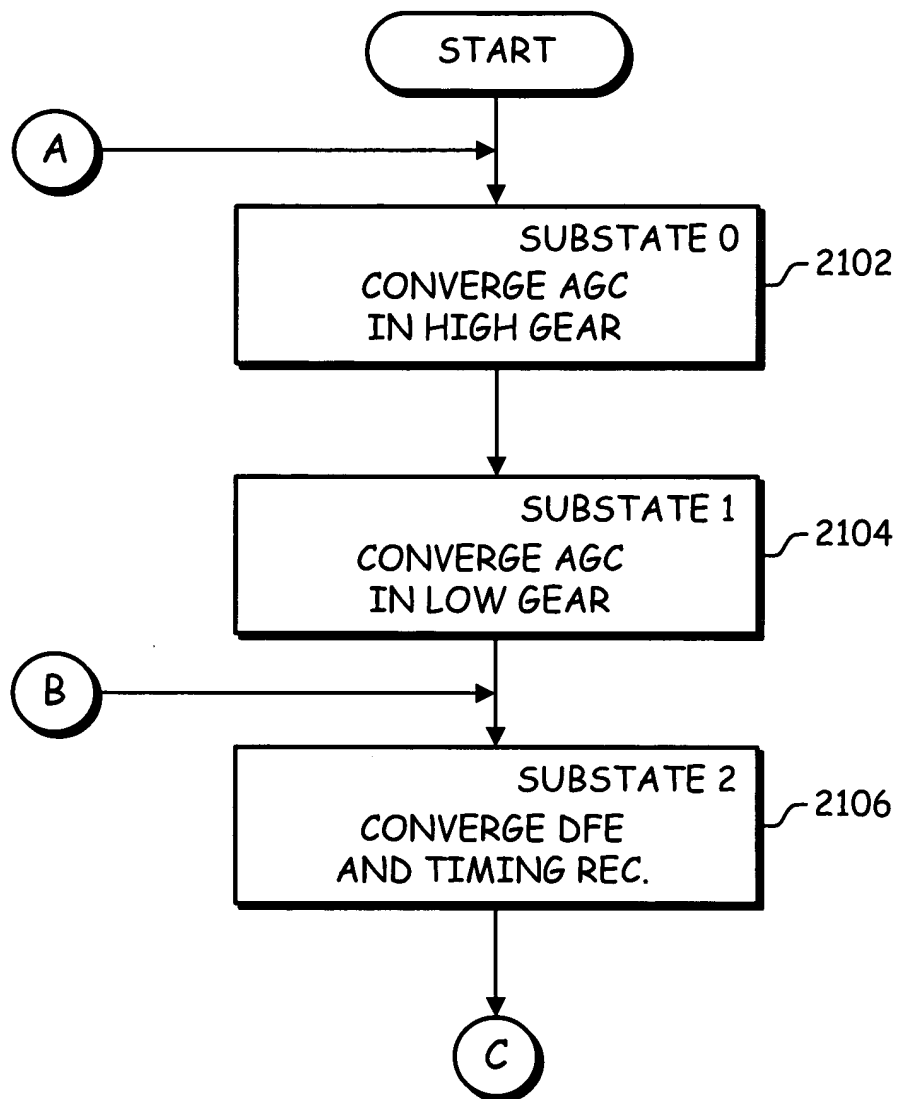


FIG. 21A

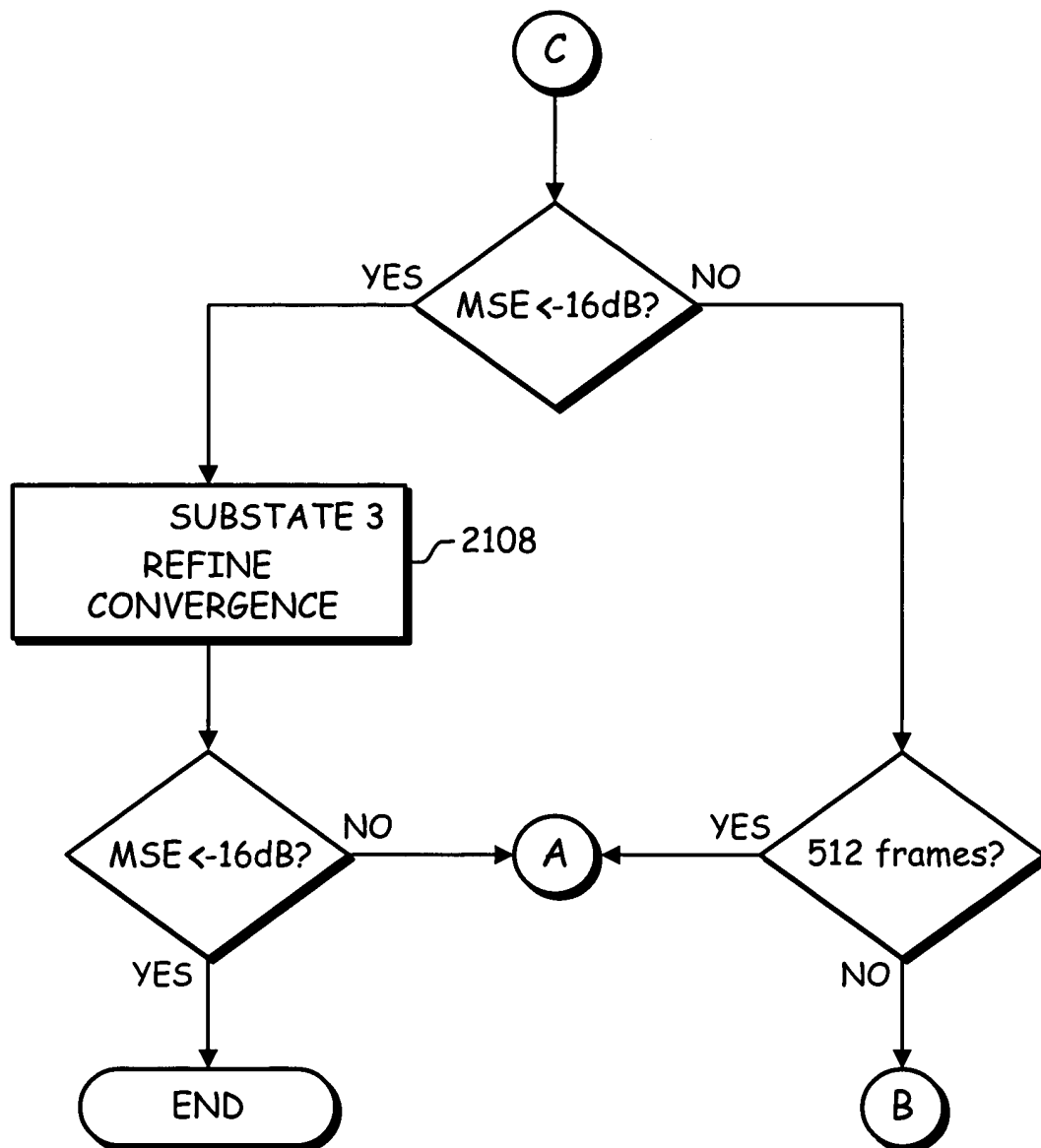


FIG. 21B

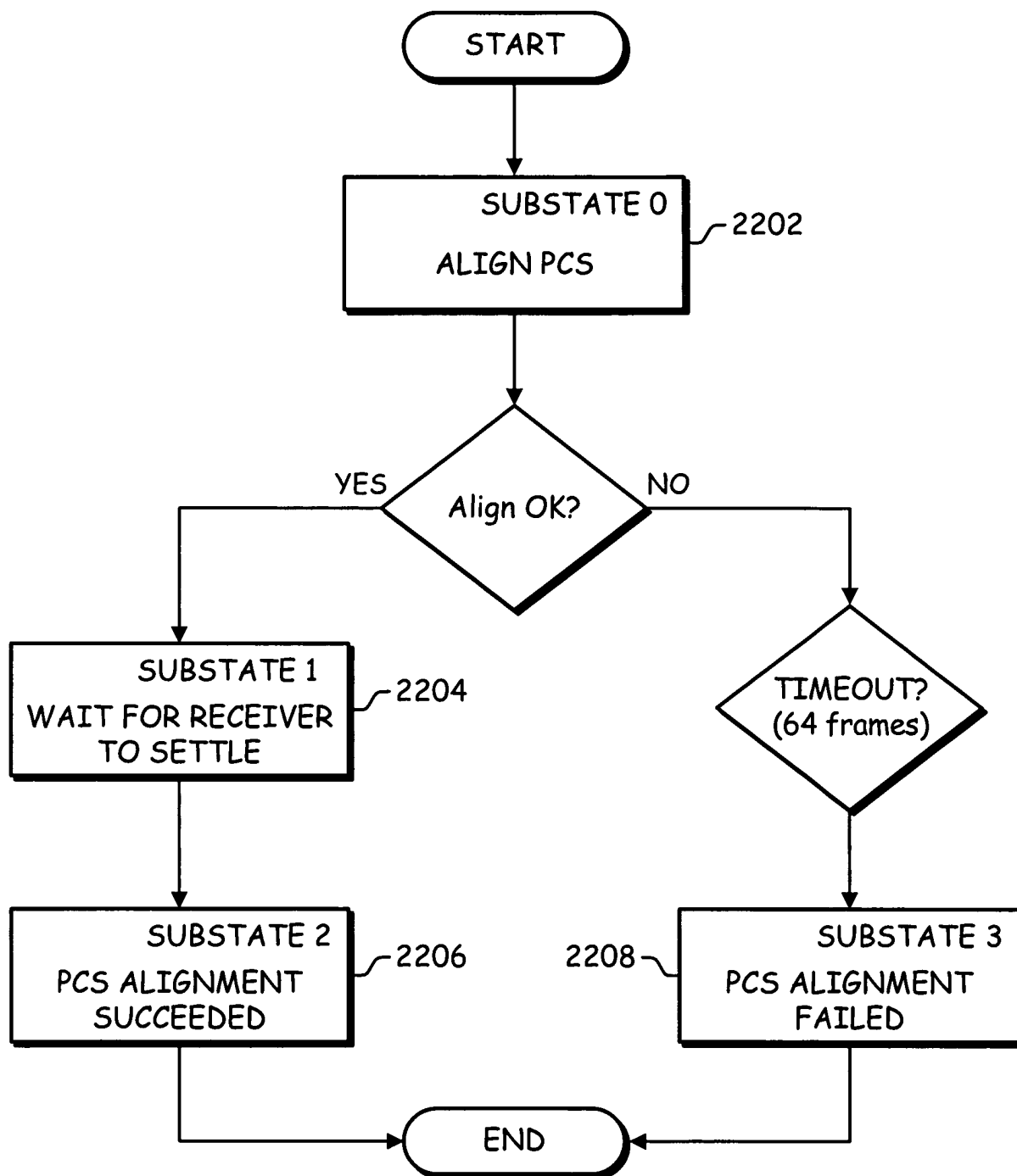


FIG. 22

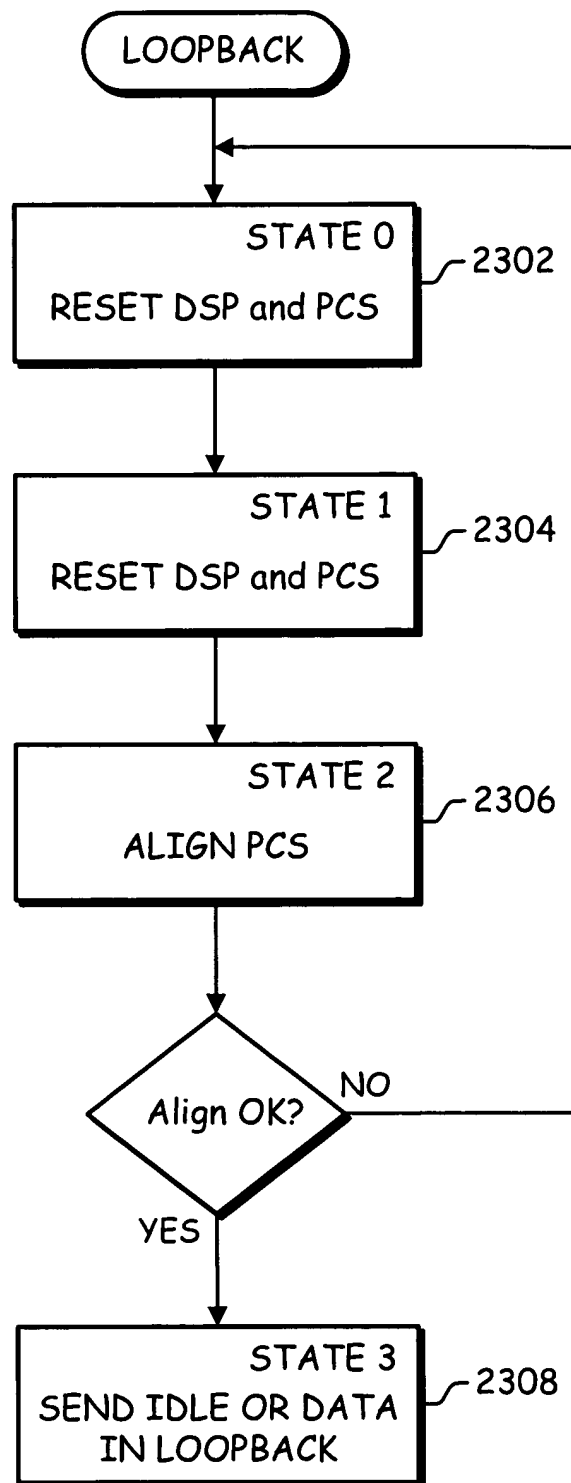


FIG. 23

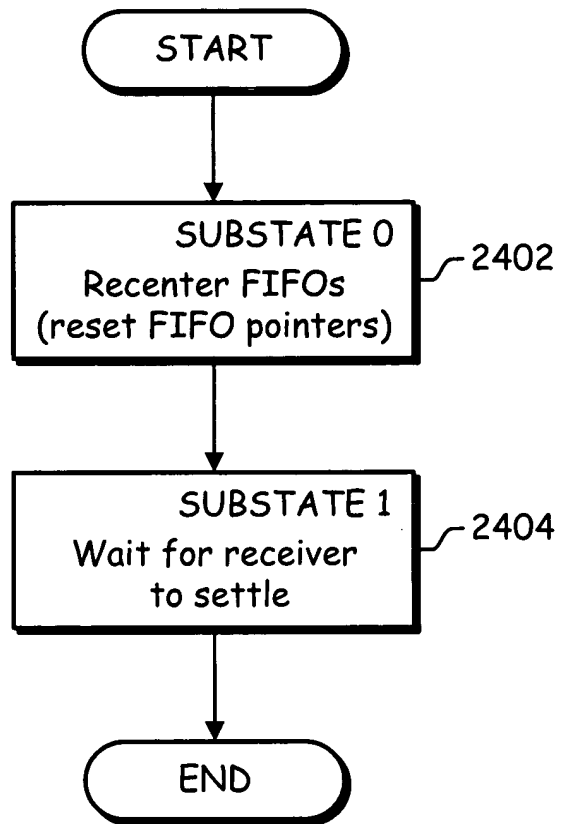


FIG. 24

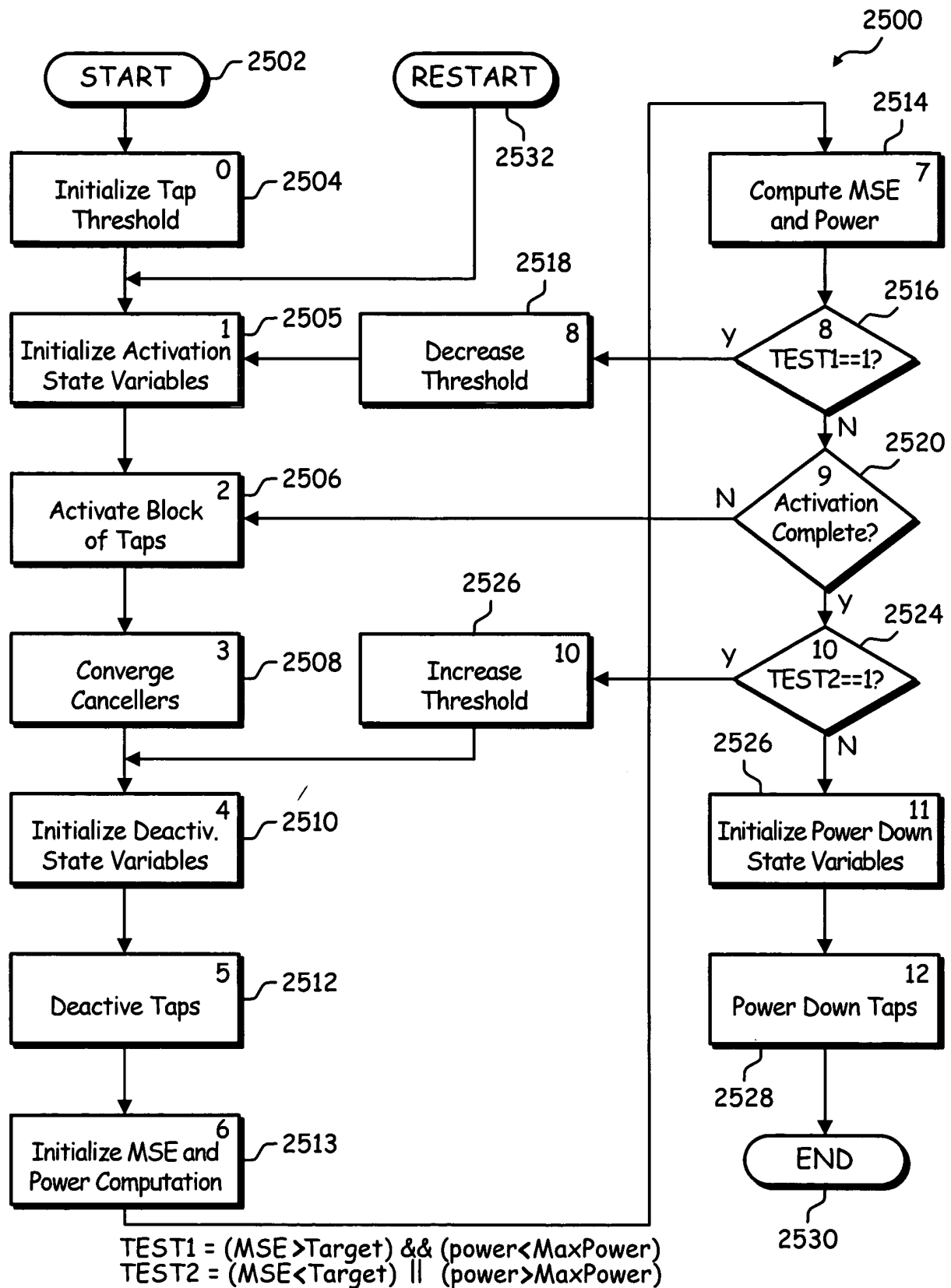


FIG. 25

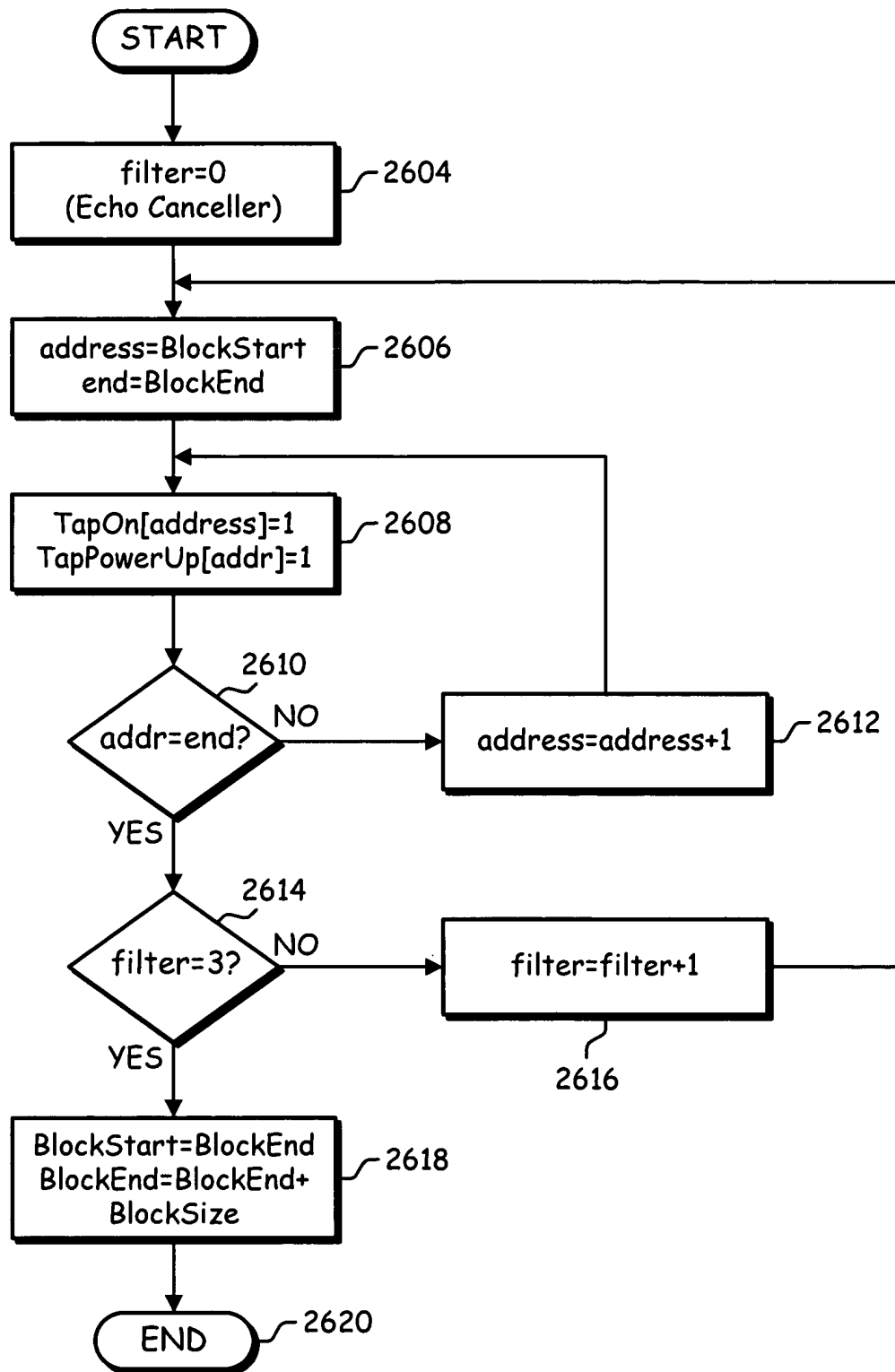


FIG. 26

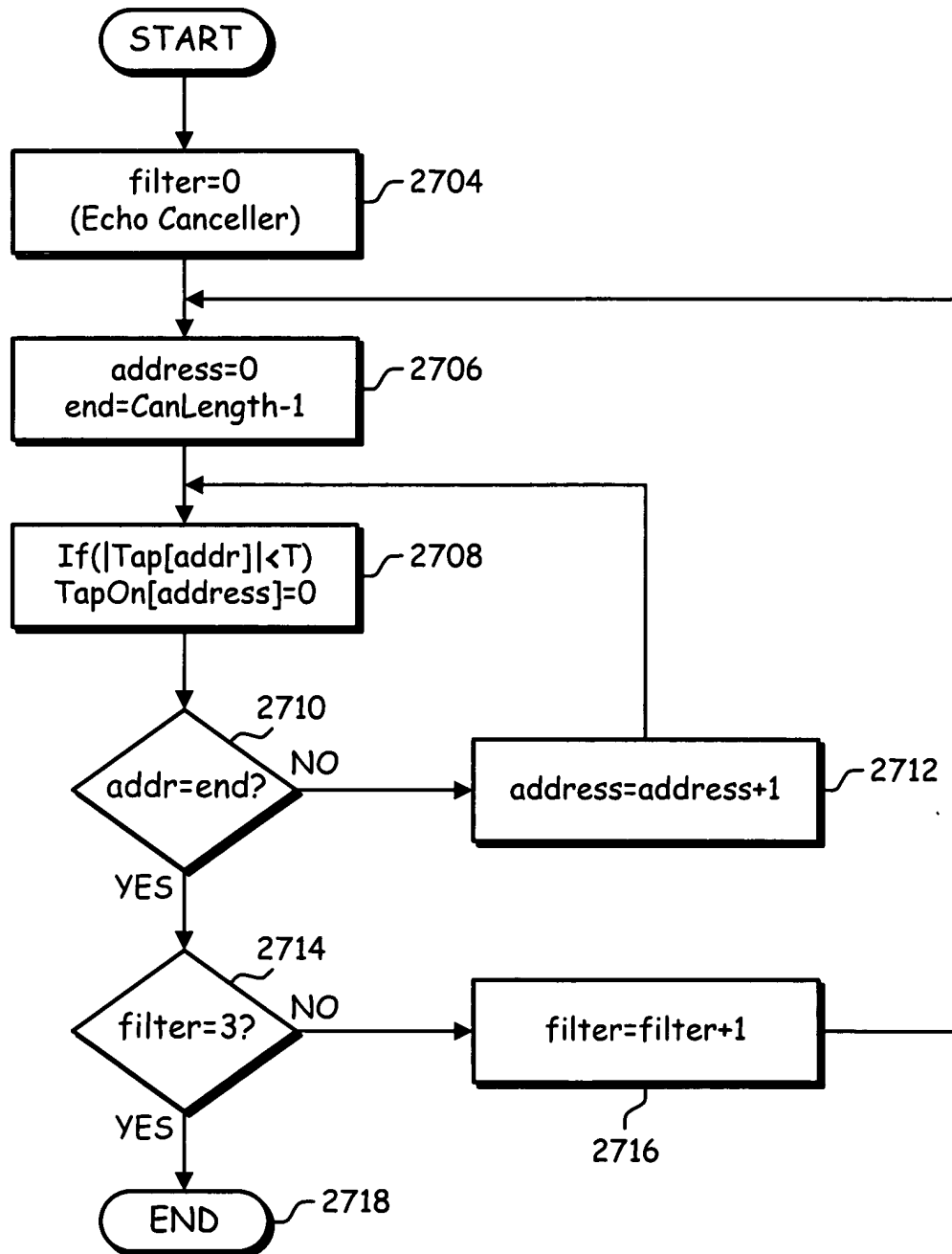


FIG. 27

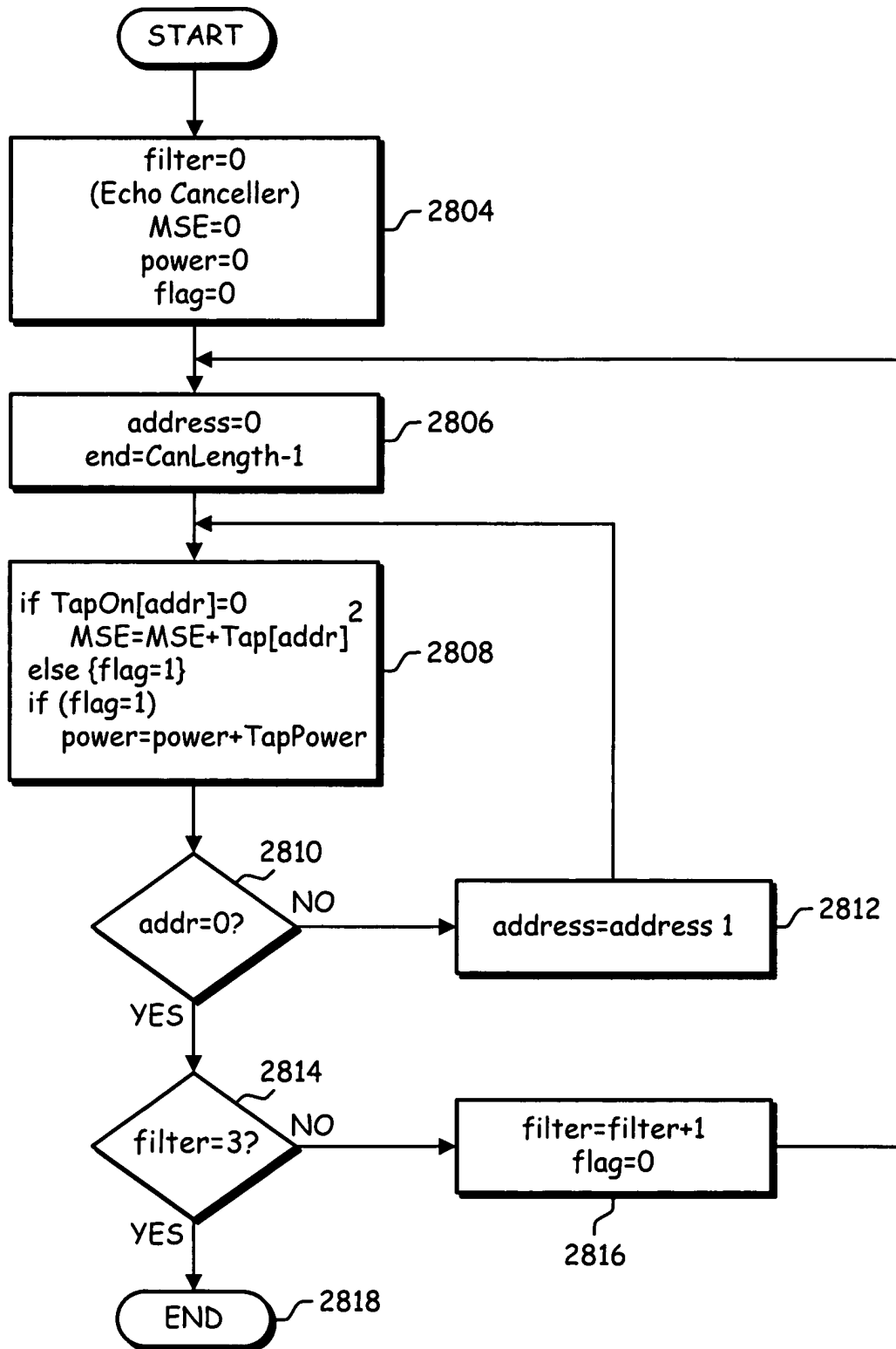


FIG. 28

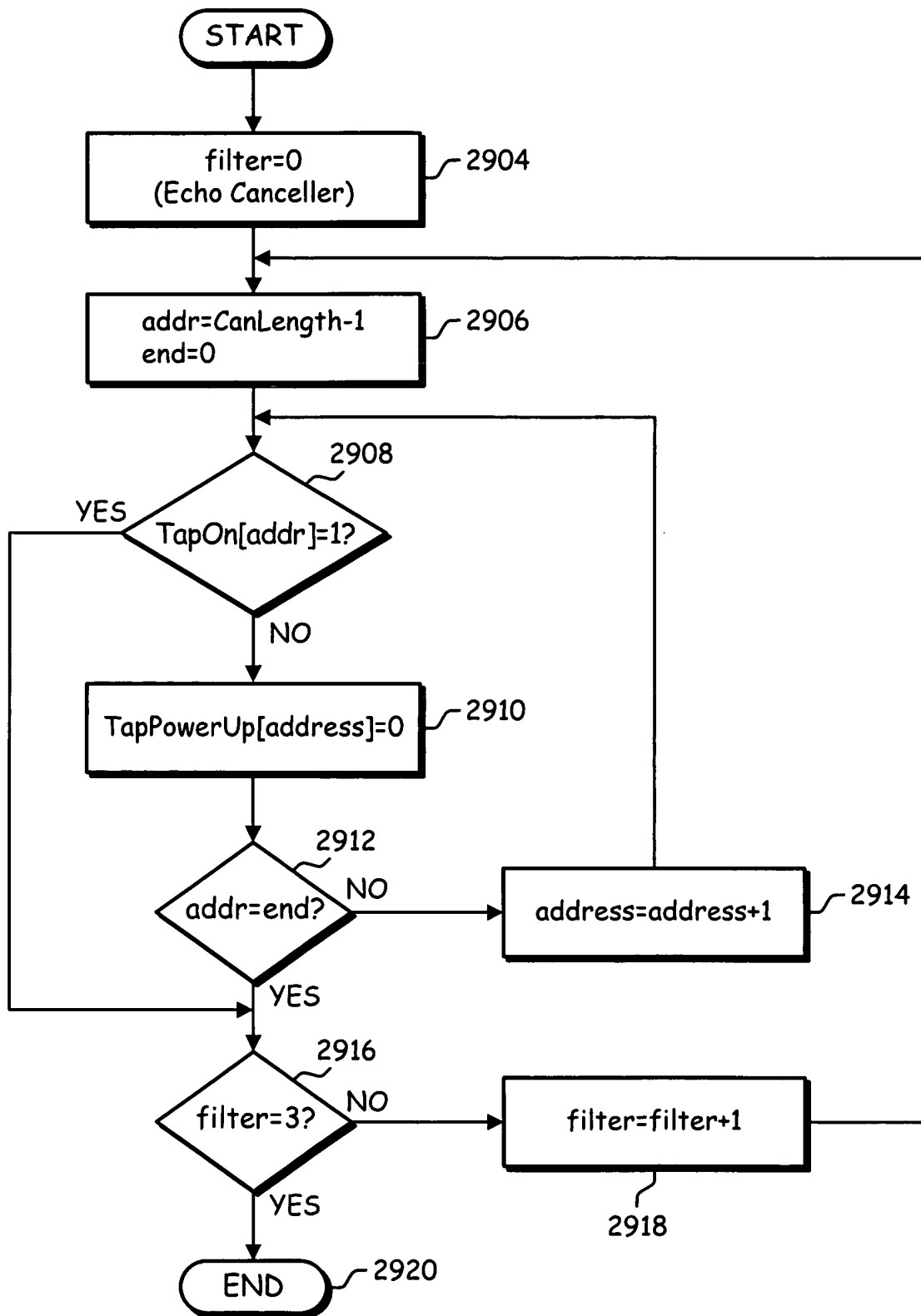


FIG. 29